

# Material Suplementar - Inferência de Redes de Regulação Gênica a partir de Séries Temporais via Meta-heurísticas

José Eduardo H. da Silva

Este material suplementar apresenta detalhes, figuras e resultados tabulares adicionais das investigações sobre a revisão da metodologia de inferência e avaliação de GRNs, apresentada no Capítulo 5, contendo a análise de desempenho de diferentes algoritmos e diferentes métricas na inferência de GRNs. Além disso, são apresentados resultados tabulares adicionais sobre a seleção de subconjuntos de genes e a comparação entre usar e não usar o *motif* de autorregulação.

## 1 Configuration 500nTF

### 1.1 Ignoring Self-Loop

Tabela 1: Tabular results for hESC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	0	249740	130	130	0.49976	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	0	248872	568	560	0.49972	0	-0.00226	0.0
GENIE3	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	2	248875	565	558	0.50102	0.00966	0.0013	0.003527
GRNBOOST2	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	5	248878	562	555	0.50338	0.01481	0.00663	0.008818
SINCERITIES	STRING	0	249741	129	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249881	59	60	0.5	0	-0.00024	0.0
	ChIP-Seq	3	248893	547	557	0.50463	0.0113	0.00319	0.005291
PPCOR	STRING	0	249744	126	130	0.49784	0	-0.00051	0.0
	NonSpecific	0	249884	56	60	0.49904	0	-0.00023	0.0
	ChIP-Seq	0	248892	548	560	0.50293	0	-0.00222	0.0
CGP-DSSPD-NR5-EXE1	STRING	1	249536	334	129	0.49766	0.00768	0.00396	0.002933
	NonSpecific	0	249872	68	60	0.49904	0	-0.00026	0.0
	ChIP-Seq	40	241494	7946	520	0.50703	0.00978	0.01064	0.004886
CGP-DSSPD-NR5-EXE2	STRING	0	249540	330	130	0.49754	0	-0.00083	0.0
	NonSpecific	0	249873	67	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	13	242429	7011	547	0.50594	0.00869	-0.0014	0.001809
CGP-DSSPD-NR5-EXE3	STRING	0	249526	344	130	0.49736	0	-0.00085	0.0
	NonSpecific	0	249874	66	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	23	241472	7968	537	0.50678	0.0087	0.00245	0.002826
CGP-DSSPD-NR5-EXE4	STRING	0	249529	341	130	0.49736	0	-0.00084	0.0
	NonSpecific	0	249871	69	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	32	240618	8822	529	0.50954	0.00942	0.00555	0.003536
CGP-DSSPD-NR5-EXE5	STRING	0	249497	373	130	0.49736	0	-0.00088	0.0
	NonSpecific	0	249872	68	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	14	241151	8289	547	0.50971	0.00921	-0.00218	0.001642
CGP-DSSPD-NR10-EXE1	STRING	1	248552	1318	129	0.49712	0.00768	0.00076	0.000741
	NonSpecific	1	248622	1318	59	0.49891	0.00806	0.00244	0.000741
	ChIP-Seq	1	248122	1318	559	0.50868	0.00859	-0.00228	0.000741
CGP-DSSPD-NR10-EXE2	STRING	0	248577	1293	130	0.4967	0	-0.00164	0.0
	NonSpecific	0	248647	1293	60	0.49863	0	-0.00112	0.0
	ChIP-Seq	6	248153	1287	554	0.51032	0.00884	0.00366	0.004549
CGP-DSSPD-NR10-EXE3	STRING	3	247976	1894	127	0.49658	0.00768	0.00407	0.001532
	NonSpecific	0	249841	99	60	0.49863	0	-0.00031	0.0
	ChIP-Seq	3	247546	1894	557	0.50941	0.00842	-0.00122	0.001532
CGP-DSSPD-NR10-EXE4	STRING	1	248503	1367	129	0.49622	0.00768	0.00069	0.00071
	NonSpecific	1	248573	1367	59	0.49863	0.00806	0.00235	0.00071
	ChIP-Seq	6	248078	1362	554	0.51021	0.00851	0.00337	0.004258
CGP-DSSPD-NR10-EXE5	STRING	0	248554	1316	130	0.4958	0	-0.00166	0.0
	NonSpecific	0	248624	1316	60	0.4985	0	-0.00113	0.0
	ChIP-Seq	8	248131	1309	553	0.51082	0.00848	0.00589	0.005961
CGP-KM-BKM-NR10-EXE1	STRING	1	249241	629	129	0.49538	0.00768	0.00235	0.001563
	NonSpecific	0	249310	630	60	0.4985	0	-0.00078	0.0
	ChIP-Seq	3	248813	627	557	0.51292	0.00889	0.00268	0.004687
CGP-KM-BKM-NR10-EXE2	STRING	1	249176	694	129	0.49508	0.00768	0.00213	0.001431
	NonSpecific	0	249245	695	60	0.4985	0	-0.00082	0.0
	ChIP-Seq	1	248746	694	559	0.51253	0.00875	-0.00089	0.001431
CGP-KM-BKM-NR10-EXE3	STRING	0	249578	292	130	0.49478	0	-0.00078	0.0
	NonSpecific	0	249648	292	60	0.49836	0	-0.00053	0.0
	ChIP-Seq	3	248809	631	557	0.51457	0.00904	0.00266	0.00471
CGP-KM-BKM-NR10-EXE4	STRING	1	249293	577	129	0.49478	0.00768	0.00255	0.001675
	NonSpecific	0	249362	578	60	0.49836	0	-0.00075	0.0
	ChIP-Seq	4	248866	574	556	0.5152	0.00915	0.00477	0.0067
CGP-KM-BKM-NR10-EXE5	STRING	0	249322	548	130	0.49466	0	-0.00107	0.0
	NonSpecific	0	249392	548	60	0.49822	0	-0.00073	0.0
	ChIP-Seq	8	248795	645	552	0.51861	0.00973	0.01084	0.012158
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248489	1381	130	0.4943	0	-0.0017	0.0
	NonSpecific	0	248559	1381	60	0.49822	0	-0.00115	0.0
	ChIP-Seq	2	248061	1379	558	0.51747	0.00931	-0.00125	0.001409
CGP-KM-DSSPD-NR10-EXE2	STRING	0	249603	267	130	0.49424	0	-0.00075	0.0
	NonSpecific	0	249673	267	60	0.49822	0	-0.00051	0.0
	ChIP-Seq	2	247428	2012	558	0.5167	0.00906	-0.00238	0.000974
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248571	1299	127	0.494	0.00768	0.00566	0.002264
	NonSpecific	1	248639	1301	59	0.49822	0.00806	0.00247	0.000755
	ChIP-Seq	1	248139	1301	559	0.51556	0.00873	-0.00225	0.000755
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248521	1349	129	0.49388	0.00768	0.00071	0.000731
	NonSpecific	0	248590	1350	60	0.49809	0	-0.00114	0.0
	ChIP-Seq	5	248095	1345	555	0.51532	0.00858	0.00228	0.003655
CGP-KM-DSSPD-NR10-EXE5	STRING	3	248510	1360	127	0.4934	0.00768	0.00546	0.002174
	NonSpecific	0	248577	1363	60	0.49809	0	-0.00115	0.0
	ChIP-Seq	2	248079	1361	558	0.51418	0.00831	-0.00121	0.001449

## 1.2 Considering Self-Loop

Tabela 2: Tabular results for hHep problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	4	249186	398	412	0.50379	0.0439	0.00816	0.009615
	NonSpecific	0	249805	94	101	0.49993	0	-0.00039	0.0
	ChIP-Seq	0	249256	368	376	0.49935	0	-0.00149	0.0
GENIE3	STRING	1	249169	415	415	0.50169	0.02053	0.00074	0.002404
	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49894	0	-0.00152	0.0
GRNBOOST2	STRING	2	249170	414	414	0.50177	0.01931	0.00315	0.004808
	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49874	0	-0.00152	0.0
SINCERITIES	STRING	1	249184	400	415	0.50249	0.0202	0.00082	0.002404
	NonSpecific	0	249800	99	101	0.49961	0	-0.0004	0.0
	ChIP-Seq	0	249257	367	376	0.49807	0	-0.00149	0.0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	25	240744	8840	391	0.50401	0.02166	0.00544	0.002755
	NonSpecific	0	249635	264	101	0.49948	0	-0.00065	0.0
	ChIP-Seq	13	240772	8852	363	0.49739	0.00132	-0.00019	0.001432
CGP-DSSPD-NR5-EXE2	STRING	12	240902	8682	404	0.50335	0.02025	-0.00132	0.001344
	NonSpecific	0	249635	264	101	0.49935	0	-0.00065	0.0
	ChIP-Seq	11	240940	8684	366	0.49815	0.00186	-0.00119	0.001232
CGP-DSSPD-NR5-EXE3	STRING	14	241026	8558	402	0.50292	0.01948	-0.00014	0.0016
	NonSpecific	0	249643	256	101	0.49935	0	-0.00064	0.0
	ChIP-Seq	19	241071	8553	357	0.49898	0.00226	0.00347	0.002172
CGP-DSSPD-NR5-EXE4	STRING	20	240563	9021	396	0.50224	0.01844	0.00261	0.002158
	NonSpecific	0	249614	285	101	0.49921	0	-0.00068	0.0
	ChIP-Seq	21	240604	9020	355	0.49844	0.00214	0.00409	0.002266
CGP-DSSPD-NR5-EXE5	STRING	23	240726	8858	393	0.50297	0.01903	0.00436	0.002515
	NonSpecific	0	249602	297	101	0.49921	0	-0.00069	0.0
	ChIP-Seq	9	240752	8872	367	0.49927	0.00242	-0.00243	0.000984
CGP-DSSPD-NR10-EXE1	STRING	1	247733	1851	415	0.50222	0.01809	-0.00238	0.000527
	NonSpecific	0	249767	132	101	0.49895	0	-0.00046	0.0
	ChIP-Seq	1	247773	1851	375	0.49871	0.0023	-0.00215	0.000527
CGP-DSSPD-NR10-EXE2	STRING	9	247660	1924	407	0.50409	0.0196	0.00648	0.004509
	NonSpecific	0	249784	115	101	0.49895	0	-0.00043	0.0
	ChIP-Seq	2	247693	1931	374	0.4982	0.00222	-0.00107	0.001002
CGP-DSSPD-NR10-EXE3	STRING	6	247608	1976	410	0.5049	0.02015	0.00299	0.002938
	NonSpecific	0	249749	150	101	0.49889	0	-0.00049	0.0
	ChIP-Seq	5	247647	1977	371	0.49909	0.00243	0.00235	0.002449
CGP-DSSPD-NR10-EXE4	STRING	4	248263	1321	412	0.50437	0.0195	0.00243	0.002963
	NonSpecific	1	248575	1324	100	0.49882	0.00652	0.00127	0.000741
	ChIP-Seq	5	248304	1320	371	0.49838	0.00232	0.00428	0.003704
CGP-DSSPD-NR10-EXE5	STRING	1	247782	1802	415	0.50364	0.01874	-0.00232	0.000547
	NonSpecific	0	249796	103	101	0.49876	0	-0.00041	0.0
	ChIP-Seq	15	247836	1788	361	0.50049	0.00271	0.01499	0.00821
CGP-KM-BKM-NR10-EXE1	STRING	13	248288	1296	403	0.50741	0.02109	0.01472	0.009745
	NonSpecific	0	248590	1309	101	0.49856	0	-0.00146	0.0
	ChIP-Seq	15	248330	1294	361	0.50897	0.00408	0.01864	0.011244
CGP-KM-BKM-NR10-EXE2	STRING	0	248556	1028	416	0.50637	0	-0.00262	0.0
	NonSpecific	0	248871	1028	101	0.49843	0	-0.00129	0.0
	ChIP-Seq	3	248599	1025	373	0.50967	0.00408	0.00234	0.002879
CGP-KM-BKM-NR10-EXE3	STRING	1	248415	1169	415	0.50589	0.0196	-0.00136	0.000842
	NonSpecific	1	248730	1169	100	0.49817	0.00652	0.00154	0.000842
	ChIP-Seq	7	248461	1163	369	0.50919	0.00393	0.00792	0.005892
CGP-KM-BKM-NR10-EXE4	STRING	8	246761	2823	408	0.50449	0.0185	0.00305	0.002796
	NonSpecific	1	247069	2830	100	0.49758	0.00652	-0.00027	0.00035
	ChIP-Seq	12	246805	2819	364	0.51123	0.00411	0.00755	0.004194
CGP-KM-BKM-NR10-EXE5	STRING	0	247985	1599	416	0.50417	0	-0.00328	0.0
	NonSpecific	0	248300	1599	101	0.49751	0	-0.00161	0.0
	ChIP-Seq	0	248025	1599	376	0.51074	0	-0.00311	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	0	249143	441	416	0.50394	0	-0.00172	0.0
	NonSpecific	0	249458	441	101	0.49751	0	-0.00085	0.0
	ChIP-Seq	0	249183	441	376	0.51023	0	-0.00163	0.0
CGP-KM-DSSPD-NR10-EXE2	STRING	1	249144	440	415	0.50489	0.0186	0.00062	0.002257
	NonSpecific	0	249458	441	101	0.49751	0	-0.00085	0.0
	ChIP-Seq	0	249183	441	376	0.50982	0	-0.00163	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	3	247874	1710	413	0.50493	0.01845	0.00018	0.001677
	NonSpecific	4	248190	1709	97	0.49738	0.00652	0.00798	0.002236
	ChIP-Seq	14	247925	1699	362	0.51437	0.00417	0.01429	0.007826
CGP-KM-DSSPD-NR10-EXE4	STRING	1	249136	448	415	0.50595	0.01891	0.00059	0.002217
	NonSpecific	0	249450	449	101	0.49738	0	-0.00085	0.0
	ChIP-Seq	0	249175	449	376	0.51395	0	-0.00165	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	0	247892	1692	416	0.50474	0	-0.00337	0.0
	NonSpecific	1	248208	1691	100	0.49732	0.00652	0.00077	0.000575
	ChIP-Seq	0	247932	1692	376	0.51321	0	-0.0032	0.0

## 2 Configuration 500TF

### 2.1 Ignoring Self-Loop

Tabela 3: Tabular results for mDC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	1	249749	125	125	0.50323	0.04999	0.00744	0.007937
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
GENIE3	STRING	0	249748	126	126	0.50309	0	-0.0005	0.0
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
GRNBOOST2	STRING	0	249748	126	126	0.50302	0	-0.0005	0.0
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	0	249701	173	126	0.50249	0	-0.00059	0.0
	NonSpecific	1	249794	172	33	0.5	0.51561	0.01274	0.00578
	ChIP-Seq	0	249791	173	36	0.5	0	-0.00032	0.0
CGP-DSSPD-NR5-EXE2	STRING	0	249693	181	126	0.50209	0	-0.0006	0.0
	NonSpecific	0	249785	181	34	0.5	0	-0.00031	0.0
	ChIP-Seq	0	249783	181	36	0.5	0	-0.00032	0.0
CGP-DSSPD-NR5-EXE3	STRING	0	249725	149	126	0.50169	0	-0.00055	0.0
	NonSpecific	0	249817	149	34	0.5	0	-0.00028	0.0
	ChIP-Seq	0	249815	149	36	0.5	0	-0.00029	0.0
CGP-DSSPD-NR5-EXE4	STRING	0	249682	192	126	0.50136	0	-0.00062	0.0
	NonSpecific	0	249774	192	34	0.49953	0	-0.00032	0.0
	ChIP-Seq	0	249772	192	36	0.5	0	-0.00033	0.0
CGP-DSSPD-NR5-EXE5	STRING	1	249698	176	125	0.50478	0.02899	0.0061	0.00565
	NonSpecific	0	249789	177	34	0.49953	0	-0.00031	0.0
	ChIP-Seq	0	249787	177	36	0.5	0	-0.00032	0.0
CGP-DSSPD-NR10-EXE1	STRING	6	247869	2005	120	0.50478	0.02899	0.00995	0.002984
	NonSpecific	1	247956	2010	33	0.49953	0.01561	0.00279	0.000497
	ChIP-Seq	3	247956	2008	33	0.5	0.51557	0.01012	0.001492
CGP-DSSPD-NR10-EXE2	STRING	1	247819	2055	125	0.50452	0.02742	-7e-05	0.000486
	NonSpecific	1	247911	2055	33	0.49953	0.01561	0.00274	0.000486
	ChIP-Seq	0	247908	2056	36	0.5	0	-0.00109	0.0
CGP-DSSPD-NR10-EXE3	STRING	1	247825	2049	125	0.50431	0.02639	-7e-05	0.000488
	NonSpecific	1	247917	2049	33	0.49953	0.01561	0.00274	0.000488
	ChIP-Seq	0	247914	2050	36	0.5	0	-0.00109	0.0
CGP-DSSPD-NR10-EXE4	STRING	0	247720	2154	126	0.50405	0	-0.00209	0.0
	NonSpecific	0	247812	2154	34	0.49953	0	-0.00109	0.0
	ChIP-Seq	1	247811	2153	35	0.5	0.51557	0.00249	0.000464
CGP-DSSPD-NR10-EXE5	STRING	4	247617	2257	122	0.50398	0.0249	0.00539	0.001769
	NonSpecific	0	247705	2261	34	0.49953	0	-0.00111	0.0
	ChIP-Seq	0	247703	2261	36	0.5	0	-0.00115	0.0
CGP-KM-BKM-NR10-EXE1	STRING	0	248721	1153	126	0.50391	0	-0.00153	0.0
	NonSpecific	0	248813	1153	34	0.49953	0	-0.00079	0.0
	ChIP-Seq	0	248811	1153	36	0.5	0	-0.00082	0.0
CGP-KM-BKM-NR10-EXE2	STRING	0	246986	2888	126	0.50391	0	-0.00243	0.0
	NonSpecific	0	247078	2888	34	0.49953	0	-0.00126	0.0
	ChIP-Seq	5	247081	2883	31	0.5	0.51557	0.0143	0.001731
CGP-KM-BKM-NR10-EXE3	STRING	0	249239	635	126	0.50391	0	-0.00113	0.0
	NonSpecific	0	249331	635	34	0.49953	0	-0.00059	0.0
	ChIP-Seq	5	249334	630	31	0.49955	0.01557	0.03251	0.007874
CGP-KM-BKM-NR10-EXE4	STRING	0	248600	1274	126	0.50391	0	-0.00161	0.0
	NonSpecific	0	248692	1274	34	0.49953	0	-0.00084	0.0
	ChIP-Seq	0	248690	1274	36	0.49955	0	-0.00086	0.0
CGP-KM-BKM-NR10-EXE5	STRING	0	249316	558	126	0.50391	0	-0.00106	0.0
	NonSpecific	0	249408	558	34	0.49953	0	-0.00055	0.0
	ChIP-Seq	0	249406	558	36	0.49955	0	-0.00057	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248077	1797	126	0.50371	0	-0.00191	0.0
	NonSpecific	0	248169	1797	34	0.49953	0	-0.00099	0.0
	ChIP-Seq	0	248167	1797	36	0.49955	0	-0.00102	0.0
CGP-KM-DSSPD-NR10-EXE2	STRING	0	248048	1826	126	0.50371	0	-0.00193	0.0
	NonSpecific	0	248140	1826	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248138	1826	36	0.49955	0	-0.00103	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	2	248107	1767	124	0.50351	0.0232	0.00236	0.001131
	NonSpecific	0	248197	1769	34	0.49953	0	-0.00098	0.0
	ChIP-Seq	0	248195	1769	36	0.49955	0	-0.00101	0.0
CGP-KM-DSSPD-NR10-EXE4	STRING	0	249472	402	126	0.50324	0	-0.0009	0.0
	NonSpecific	0	249564	402	34	0.49953	0	-0.00047	0.0
	ChIP-Seq	0	249562	402	36	0.49911	0	-0.00048	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	0	248206	1668	126	0.50324	0	-0.00184	0.0
	NonSpecific	0	248298	1668	34	0.49953	0	-0.00096	0.0
	ChIP-Seq	0	248296	1668	36	0.49911	0	-0.00098	0.0

## 2.2 Considering Self-Loop

Tabela 4: Tabular results for mESC problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	7	249504	245	244	0.51121	0.09041	0.02685	0.027778
	NonSpecific	0	249246	378	376	0.4995	0	-0.00151	0.0
	ChIP-Seq	46	243327	3314	3313	0.50194	0.02969	0.00026	0.01369
GENIE3	STRING	12	249510	239	239	0.51994	0.10247	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50148	0.01433	0.00382	0.005319
	ChIP-Seq	89	243371	3270	3270	0.50376	0.02858	0.01324	0.026496
GRNBOOST2	STRING	12	249510	239	239	0.53159	0.1361	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50353	0.01751	0.00382	0.005319
	ChIP-Seq	100	243382	3259	3259	0.50576	0.02996	0.01656	0.029771
SINCERITIES	STRING	2	249504	245	249	0.5346	0.12868	0.00704	0.007968
	NonSpecific	4	249264	360	372	0.50801	0.02211	0.00935	0.010638
	ChIP-Seq	42	243479	3162	3317	0.5054	0.02845	-0.00032	0.012504
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	5	241714	8035	246	0.53412	0.12096	-0.0022	0.000622
	NonSpecific	11	241595	8029	365	0.50725	0.01828	-0.00064	0.001368
	ChIP-Seq	112	238713	7928	3247	0.50581	0.02795	0.00078	0.01393
CGP-DSSPD-NR5-EXE2	STRING	6	241780	7969	245	0.53334	0.11168	-0.00144	0.000752
	NonSpecific	11	241660	7964	365	0.51041	0.01974	-0.00058	0.001379
	ChIP-Seq	89	238755	7886	3270	0.50566	0.02751	-0.00359	0.01116
CGP-DSSPD-NR5-EXE3	STRING	8	241654	8095	243	0.53302	0.10834	-0.0001	0.000987
	NonSpecific	9	241530	8094	367	0.5108	0.01817	-0.00186	0.001111
	ChIP-Seq	155	238693	7948	3204	0.50911	0.02831	0.00905	0.019129
CGP-DSSPD-NR5-EXE4	STRING	9	241895	7854	242	0.53269	0.10526	0.0008	0.001145
	NonSpecific	14	241775	7849	362	0.50981	0.01602	0.00129	0.00178
	ChIP-Seq	104	238882	7759	3255	0.50822	0.02777	-0.00033	0.013227
CGP-DSSPD-NR5-EXE5	STRING	10	241562	8187	241	0.53243	0.10298	0.00126	0.00122
	NonSpecific	10	241437	8187	366	0.51168	0.01642	-0.00135	0.00122
	ChIP-Seq	95	238539	8102	3264	0.50724	0.0273	-0.00295	0.01159
CGP-DSSPD-NR10-EXE1	STRING	2	248195	1554	249	0.5337	0.10052	0.0007	0.001285
	NonSpecific	0	248068	1556	376	0.51098	0	-0.00307	0.0
	ChIP-Seq	76	241730	4911	3283	0.50891	0.02764	0.00224	0.01524
CGP-DSSPD-NR10-EXE2	STRING	2	248050	1699	249	0.53317	0.09651	0.00045	0.001176
	NonSpecific	4	247927	1697	372	0.51178	0.01537	0.00181	0.002352
	ChIP-Seq	33	243536	3105	3326	0.50765	0.02706	-0.00286	0.010516
CGP-DSSPD-NR10-EXE3	STRING	4	248159	1590	247	0.53678	0.10041	0.00381	0.002509
	NonSpecific	2	248032	1592	374	0.51225	0.015	-0.00052	0.001255
	ChIP-Seq	30	245014	1627	3329	0.50896	0.02726	0.00331	0.018105
CGP-DSSPD-NR10-EXE4	STRING	4	248098	1651	247	0.53819	0.09954	0.00364	0.002417
	NonSpecific	5	247974	1650	371	0.51299	0.015	0.0032	0.003021
	ChIP-Seq	44	243365	3276	3315	0.50911	0.02718	-0.00018	0.013253
CGP-DSSPD-NR10-EXE5	STRING	1	248203	1546	250	0.53767	0.09638	-0.00089	0.000646
	NonSpecific	1	248078	1546	375	0.51229	0.0143	-0.00175	0.000646
	ChIP-Seq	42	243519	3122	3317	0.50965	0.02717	-0.00016	0.013274
CGP-KM-BKM-NR10-EXE1	STRING	1	249446	303	250	0.53881	0.09438	0.00252	0.003289
	NonSpecific	2	249215	409	374	0.51418	0.01472	0.00352	0.004866
	ChIP-Seq	81	240828	5813	3278	0.509	0.02693	0.00041	0.013743
CGP-KM-BKM-NR10-EXE2	STRING	0	249484	265	251	0.53848	0	-0.00103	0.0
	NonSpecific	3	247802	1822	373	0.51503	0.0148	0.00031	0.001644
	ChIP-Seq	22	243336	3305	3337	0.50585	0.02637	-0.00688	0.006613
CGP-KM-BKM-NR10-EXE3	STRING	0	249452	297	251	0.53841	0	-0.00109	0.0
	NonSpecific	1	247761	1863	375	0.51464	0.01447	-0.00216	0.000536
	ChIP-Seq	34	241867	4774	3325	0.50296	0.02592	-0.00774	0.007072
CGP-KM-BKM-NR10-EXE4	STRING	0	249479	270	251	0.53821	0	-0.00104	0.0
	NonSpecific	2	247787	1837	374	0.51434	0.01424	-0.00093	0.001088
	ChIP-Seq	44	243199	3442	3315	0.5021	0.02581	-0.00084	0.012622
CGP-KM-BKM-NR10-EXE5	STRING	0	249463	286	251	0.53801	0	-0.00107	0.0
	NonSpecific	2	248845	779	374	0.51534	0.01446	0.00153	0.002561
	ChIP-Seq	83	242460	4181	3276	0.50322	0.02587	0.0069	0.019465
CGP-KM-DSSPD-NR10-EXE1	STRING	3	247669	2080	248	0.53935	0.08991	0.00126	0.00144
	NonSpecific	0	247541	2083	376	0.51465	0	-0.00356	0.0
	ChIP-Seq	39	244485	2156	3320	0.50471	0.02613	0.00354	0.017768
CGP-KM-DSSPD-NR10-EXE2	STRING	0	247984	1765	251	0.53855	0	-0.00267	0.0
	NonSpecific	4	247863	1761	372	0.51519	0.01384	0.00166	0.002266
	ChIP-Seq	31	244805	1836	3328	0.50532	0.02619	0.00239	0.016604
CGP-KM-DSSPD-NR10-EXE3	STRING	1	247779	1970	250	0.53823	0.08532	-0.0014	0.000507
	NonSpecific	1	247654	1970	375	0.51453	0.01342	-0.00229	0.000507
	ChIP-Seq	76	242836	3805	3283	0.50691	0.02638	0.0067	0.019583
CGP-KM-DSSPD-NR10-EXE4	STRING	1	247813	1936	250	0.53783	0.08393	-0.00136	0.000516
	NonSpecific	3	247690	1934	373	0.51383	0.01302	0.0001	0.001549
	ChIP-Seq	56	242936	3705	3303	0.5072	0.02639	0.00156	0.01489
CGP-KM-DSSPD-NR10-EXE5	STRING	1	248075	1674	250	0.5391	0.08351	-0.00105	0.000597
	NonSpecific	2	247951	1673	374	0.51587	0.01344	-0.00066	0.001194
	ChIP-Seq	54	243003	3638	3305	0.50612	0.02612	0.00127	0.014626

### 3 Configuration 1000nTF

#### 3.1 Ignoring Self-Loop

Tabela 5: Tabular results for mHSC-E problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249444	268	268	0.52711	0.07448	0.06837	0.069444
	NonSpecific	12	249460	264	264	0.51952	0.0619	0.04242	0.043478
	ChIP-Seq	9	247265	1363	1363	0.50071	0.00966	0.00108	0.00656
GENIE3	STRING	13	249437	275	275	0.52852	0.05636	0.04404	0.045139
	NonSpecific	7	249455	269	269	0.52411	0.05168	0.02429	0.025362
	ChIP-Seq	5	247261	1367	1367	0.49986	0.00645	-0.00185	0.003644
GRNBOOST2	STRING	11	249435	277	277	0.52799	0.06716	0.03708	0.038194
	NonSpecific	9	249457	267	267	0.52381	0.05419	0.03154	0.032609
	ChIP-Seq	5	247261	1367	1367	0.49936	0.00856	-0.00185	0.003644
SINCERITIES	STRING	0	249427	285	288	0.52768	0	-0.00115	0.0
	NonSpecific	0	249451	273	276	0.52322	0	-0.0011	0.0
	ChIP-Seq	8	247275	1353	1364	0.50016	0.00918	0.00039	0.005831
PPCOR	STRING	13	249437	275	275	0.52521	0.0594	0.04404	0.045139
	NonSpecific	9	249457	267	267	0.52171	0.04127	0.03154	0.032609
	ChIP-Seq	10	247266	1362	1362	0.49867	0.006	0.00181	0.007289
CGP-DSSPD-NR5-EXE1	STRING	14	243206	6506	274	0.52494	0.05881	0.0048	0.002138
	NonSpecific	9	243213	6511	267	0.52112	0.03923	0.00136	0.001375
	ChIP-Seq	36	242144	6484	1336	0.49846	0.00605	7e-05	0.005499
CGP-DSSPD-NR5-EXE2	STRING	5	243795	5917	283	0.52452	0.05794	-0.00141	0.000843
	NonSpecific	3	243805	5919	273	0.52065	0.03785	-0.0028	0.000506
	ChIP-Seq	33	242739	5889	1339	0.49769	0.00595	0.00018	0.005561
CGP-DSSPD-NR5-EXE3	STRING	7	243032	6680	281	0.52417	0.05726	-0.00051	0.001044
	NonSpecific	10	243047	6677	266	0.52013	0.03654	0.00195	0.001491
	ChIP-Seq	51	241992	6636	1321	0.49842	0.00617	0.0048	0.007606
CGP-DSSPD-NR5-EXE4	STRING	7	242873	6839	281	0.52375	0.05647	-0.00064	0.001017
	NonSpecific	6	242884	6840	270	0.51969	0.03558	-0.00115	0.000871
	ChIP-Seq	37	241819	6809	1335	0.4981	0.00615	-0.00019	0.005374
CGP-DSSPD-NR5-EXE5	STRING	12	243400	6312	276	0.52309	0.05534	0.00354	0.001889
	NonSpecific	9	243409	6315	267	0.52103	0.03572	0.00155	0.001417
	ChIP-Seq	56	242360	6268	1316	0.49934	0.00637	0.00734	0.008815
CGP-DSSPD-NR10-EXE1	STRING	0	248441	1271	288	0.52279	0	-0.00243	0.0
	NonSpecific	0	248453	1271	276	0.52054	0	-0.00238	0.0
	ChIP-Seq	11	247298	1330	1361	0.50091	0.0066	0.0027	0.008185
CGP-DSSPD-NR10-EXE2	STRING	1	248519	1193	287	0.52217	0.0539	-0.00064	0.000833
	NonSpecific	1	248531	1193	275	0.51999	0.03392	-0.00056	0.000833
	ChIP-Seq	7	247390	1238	1365	0.50083	0.00658	0.00013	0.005596
CGP-DSSPD-NR10-EXE3	STRING	0	248492	1220	288	0.52151	0	-0.00238	0.0
	NonSpecific	1	248505	1219	275	0.52142	0.03432	-0.0006	0.000819
	ChIP-Seq	4	247346	1282	1368	0.4999	0.00645	-0.00231	0.003108
CGP-DSSPD-NR10-EXE4	STRING	1	248504	1208	287	0.52101	0.0523	-0.00067	0.000824
	NonSpecific	1	248516	1208	275	0.5211	0.03385	-0.00058	0.000824
	ChIP-Seq	6	247347	1281	1366	0.49934	0.00639	-0.0008	0.004644
CGP-DSSPD-NR10-EXE5	STRING	0	248468	1244	288	0.52024	0	-0.0024	0.0
	NonSpecific	0	248480	1244	276	0.52053	0	-0.00235	0.0
	ChIP-Seq	12	247327	1301	1360	0.50097	0.00655	0.00359	0.009091
CGP-KM-BKM-NR10-EXE1	STRING	1	249263	449	287	0.52116	0.05147	0.00134	0.002016
	NonSpecific	2	249276	448	274	0.5219	0.03344	0.00427	0.004032
	ChIP-Seq	2	246872	1756	1370	0.49894	0.00635	-0.00496	0.001091
CGP-KM-BKM-NR10-EXE2	STRING	4	248110	1602	284	0.52081	0.05111	0.00317	0.0024
	NonSpecific	4	248122	1602	272	0.5214	0.03287	0.00336	0.0024
	ChIP-Seq	3	247025	1603	1369	0.49775	0.00625	-0.00394	0.0018
CGP-KM-BKM-NR10-EXE3	STRING	1	249287	425	287	0.52062	0.05091	0.00146	0.002114
	NonSpecific	2	249300	424	274	0.52123	0.0327	0.00447	0.004228
	ChIP-Seq	3	246531	2097	1369	0.49718	0.00621	-0.00506	0.001382
CGP-KM-BKM-NR10-EXE4	STRING	1	249057	655	287	0.52024	0.0505	0.00056	0.00141
	NonSpecific	2	249070	654	274	0.52109	0.03256	0.003	0.002821
	ChIP-Seq	27	246267	2361	1345	0.49976	0.00642	0.00773	0.010967
CGP-KM-BKM-NR10-EXE5	STRING	1	249033	679	287	0.52004	0.0503	0.00049	0.001361
	NonSpecific	3	249047	677	273	0.52265	0.03311	0.0052	0.004082
	ChIP-Seq	0	247069	1559	1372	0.49812	0	-0.00588	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	2	248425	1287	286	0.51935	0.04963	0.00085	0.001546
	NonSpecific	1	248436	1288	275	0.52199	0.03243	-0.00071	0.000773
	ChIP-Seq	4	247258	1370	1368	0.49676	0.0062	-0.00259	0.002899
CGP-KM-DSSPD-NR10-EXE2	STRING	3	248447	1265	285	0.51875	0.04889	0.00255	0.002362
	NonSpecific	3	248459	1265	273	0.52149	0.03174	0.00271	0.002362
	ChIP-Seq	19	247276	1352	1353	0.5008	0.00649	0.00841	0.013838
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248360	1352	285	0.51998	0.04935	0.00231	0.002211
	NonSpecific	3	248372	1352	273	0.5228	0.03202	0.00247	0.002211
	ChIP-Seq	3	247233	1395	1369	0.49954	0.0064	-0.00339	0.002143
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248337	1375	288	0.51951	0	-0.00253	0.0
	NonSpecific	2	248351	1373	274	0.52229	0.03159	0.00078	0.001447
	ChIP-Seq	12	247265	1363	1360	0.50098	0.00648	0.00326	0.008683
CGP-KM-DSSPD-NR10-EXE5	STRING	0	249333	379	288	0.51924	0	-0.00132	0.0
	NonSpecific	1	249346	378	275	0.52383	0.03206	0.0018	0.002639
	ChIP-Seq	6	247018	1610	1366	0.50093	0.00648	-0.00194	0.003706

### 3.2 Considering Self-Loop

Tabela 6: Tabular results for mHSC-GM problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	26	249578	198	198	0.55294	0.1534	0.11528	0.116071
	NonSpecific	16	249621	182	181	0.53929	0.149	0.08029	0.080808
	ChIP-Seq	27	245584	2195	2194	0.50176	0.01235	0.0033	0.012151
GENIE3	STRING	12	249564	212	212	0.55673	0.15025	0.05272	0.053571
	NonSpecific	2	249608	195	195	0.53903	0.13544	0.00937	0.010152
	ChIP-Seq	19	245577	2202	2202	0.50113	0.01055	-0.00033	0.008555
GRNBOOST2	STRING	12	249564	212	212	0.55624	0.13799	0.05272	0.053571
	NonSpecific	5	249611	192	192	0.53886	0.1197	0.02461	0.025381
	ChIP-Seq	24	245582	2197	2197	0.50112	0.01051	0.00194	0.010806
SINCERITIES	STRING	0	249552	224	224	0.55624	0	-0.0009	0.0
	NonSpecific	0	249606	197	197	0.53886	0	-0.00079	0.0
	ChIP-Seq	24	245602	2177	2197	0.5022	0.01069	0.00203	0.010806
PPCOR	STRING	3	249555	221	221	0.55372	0.11174	0.01251	0.013393
	NonSpecific	1	249606	197	196	0.53743	0.07871	0.00428	0.005051
	ChIP-Seq	20	245577	2202	2201	0.50116	0.01002	0.00012	0.009001
CGP-DSSPD-NR5-EXE1	STRING	6	243967	5809	218	0.55337	0.10912	0.0007	0.001028
	NonSpecific	6	243994	5809	191	0.53715	0.07442	0.00134	0.001028
	ChIP-Seq	24	241988	5791	2197	0.49927	0.00949	-0.00782	0.004112
CGP-DSSPD-NR5-EXE2	STRING	2	243971	5805	222	0.5532	0.10787	-0.00284	0.000342
	NonSpecific	4	244000	5803	193	0.53685	0.07037	-0.00055	0.000684
	ChIP-Seq	55	242027	5752	2166	0.49941	0.00955	0.00097	0.009411
CGP-DSSPD-NR5-EXE3	STRING	12	243950	5826	212	0.55516	0.10864	0.00599	0.002044
	NonSpecific	13	243978	5825	184	0.5391	0.07008	0.00793	0.002214
	ChIP-Seq	55	241996	5783	2166	0.49961	0.0096	0.00089	0.009366
CGP-DSSPD-NR5-EXE4	STRING	9	243799	5977	215	0.5551	0.10824	0.00318	0.001495
	NonSpecific	4	243821	5982	193	0.5389	0.06798	-0.00067	0.000664
	ChIP-Seq	66	241859	5920	2155	0.50024	0.00972	0.00358	0.01096
CGP-DSSPD-NR5-EXE5	STRING	8	243792	5984	216	0.55474	0.10593	0.0023	0.00133
	NonSpecific	8	243819	5984	189	0.54123	0.06871	0.00305	0.00133
	ChIP-Seq	63	241850	5929	2158	0.50041	0.00975	0.00272	0.010472
CGP-DSSPD-NR10-EXE1	STRING	1	248634	1142	223	0.55672	0.10691	-5e-05	0.000865
	NonSpecific	0	248660	1143	197	0.54093	0	-0.0019	0.0
	ChIP-Seq	8	246559	1220	2213	0.49987	0.00967	-0.00177	0.006446
CGP-DSSPD-NR10-EXE2	STRING	2	248650	1126	222	0.55637	0.10478	0.00197	0.001768
	NonSpecific	0	248675	1128	197	0.54059	0	-0.00189	0.0
	ChIP-Seq	18	246586	1193	2203	0.5011	0.00981	0.00445	0.014827
CGP-DSSPD-NR10-EXE3	STRING	0	248635	1141	224	0.55619	0	-0.00203	0.0
	NonSpecific	0	248662	1141	197	0.54043	0	-0.0019	0.0
	ChIP-Seq	10	246525	1254	2211	0.50019	0.00968	-0.00074	0.00788
CGP-DSSPD-NR10-EXE4	STRING	0	248678	1098	224	0.55596	0	-0.00199	0.0
	NonSpecific	1	248706	1097	196	0.54001	0.05887	0.00029	0.000907
	ChIP-Seq	12	246627	1152	2209	0.5008	0.00976	0.00104	0.010274
CGP-DSSPD-NR10-EXE5	STRING	1	248698	1078	223	0.55549	0.09999	7e-05	0.000922
	NonSpecific	2	248726	1077	195	0.54219	0.05917	0.0025	0.001843
	ChIP-Seq	15	246665	1114	2206	0.50173	0.00986	0.00316	0.013216
CGP-KM-BKM-NR10-EXE1	STRING	2	249273	503	222	0.55481	0.09687	0.00461	0.00396
	NonSpecific	1	249299	504	196	0.54177	0.05715	0.00191	0.00198
	ChIP-Seq	11	245185	2594	2210	0.50004	0.00967	-0.0051	0.004189
CGP-KM-BKM-NR10-EXE2	STRING	3	248926	850	221	0.55668	0.09745	0.00513	0.003517
	NonSpecific	2	248952	851	195	0.54406	0.05819	0.00325	0.002345
	ChIP-Seq	51	244849	2930	2170	0.49993	0.00965	0.00963	0.017097
CGP-KM-BKM-NR10-EXE3	STRING	2	248038	1738	222	0.5565	0.09668	0.00071	0.001149
	NonSpecific	0	248063	1740	197	0.54387	0	-0.00235	0.0
	ChIP-Seq	4	245016	2763	2217	0.49739	0.00941	-0.00839	0.001434
CGP-KM-BKM-NR10-EXE4	STRING	1	248475	1301	223	0.55638	0.09618	-0.00031	0.000768
	NonSpecific	0	248501	1302	197	0.54387	0	-0.00203	0.0
	ChIP-Seq	9	244989	2790	2212	0.49574	0.00929	-0.00643	0.003209
CGP-KM-BKM-NR10-EXE5	STRING	1	249136	640	223	0.55632	0.09594	0.00112	0.00156
	NonSpecific	0	249162	641	197	0.54384	0	-0.00142	0.0
	ChIP-Seq	19	245473	2306	2202	0.49703	0.00941	-0.00073	0.008162
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248627	1149	224	0.55586	0	-0.00203	0.0
	NonSpecific	0	248654	1149	197	0.5437	0	-0.00191	0.0
	ChIP-Seq	7	246510	1269	2214	0.49622	0.00936	-0.00259	0.005469
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248671	1105	223	0.55533	0.09204	2e-05	0.000901
	NonSpecific	1	248698	1105	196	0.54353	0.05569	0.00028	0.000901
	ChIP-Seq	14	246434	1345	2207	0.49644	0.00938	0.00112	0.010271
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248625	1151	223	0.55515	0.09141	-6e-05	0.00086
	NonSpecific	0	248651	1152	197	0.54331	0	-0.00191	0.0
	ChIP-Seq	22	246439	1340	2199	0.49821	0.00955	0.00573	0.015988
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248623	1153	224	0.55486	0	-0.00204	0.0
	NonSpecific	0	248650	1153	197	0.54312	0	-0.00191	0.0
	ChIP-Seq	16	246401	1378	2205	0.49913	0.00962	0.00207	0.011461
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248628	1148	222	0.55684	0.09152	0.00192	0.001735
	NonSpecific	1	248654	1149	196	0.54284	0.05289	0.0002	0.000867
	ChIP-Seq	13	246423	1356	2208	0.4993	0.00964	0.00048	0.009475

## 4 Configuration 1000TF

### 4.1 Ignoring Self-Loop

Tabela 7: Tabular results for mHSC-L problem considering the 500nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249789	96	95	0.57986	0.17355	0.17278	0.172414
	NonSpecific	12	249576	206	206	0.52569	0.08153	0.05422	0.055046
	ChIP-Seq	36	243412	3276	3276	0.4989	0.01378	-0.00241	0.01087
GENIE3	STRING	12	249782	103	103	0.58374	0.16805	0.10394	0.104348
	NonSpecific	6	249570	212	212	0.52523	0.07193	0.02667	0.027523
	ChIP-Seq	39	243415	3273	3273	0.49861	0.01401	-0.00149	0.011775
GRNBOOST2	STRING	5	249775	110	110	0.58343	0.16217	0.04304	0.043478
	NonSpecific	5	249569	213	213	0.52508	0.06383	0.02208	0.022936
	ChIP-Seq	46	243422	3266	3266	0.49991	0.01498	0.00065	0.013889
SINCERITIES	STRING	0	249794	91	115	0.5833	0	-0.00041	0.0
	NonSpecific	0	249596	186	218	0.52476	0	-0.00081	0.0
	ChIP-Seq	22	243648	3040	3290	0.49684	0.01372	-0.0059	0.006643
PPCOR	STRING	1	249770	115	114	0.58179	0.14371	0.0082	0.008621
	NonSpecific	0	249564	218	218	0.52314	0	-0.00087	0.0
	ChIP-Seq	37	243535	3153	3275	0.49492	0.01344	-0.00164	0.011599
CGP-DSSPD-NR5-EXE1	STRING	3	243921	5964	112	0.58167	0.14252	0.00031	0.000503
	NonSpecific	10	243825	5957	208	0.52269	0.03791	0.00426	0.001676
	ChIP-Seq	96	240817	5871	3216	0.49653	0.01416	0.00388	0.016088
CGP-DSSPD-NR5-EXE2	STRING	2	243943	5942	113	0.58116	0.13798	-0.0009	0.000336
	NonSpecific	4	243842	5940	214	0.52242	0.03643	-0.00105	0.000673
	ChIP-Seq	87	240831	5857	3225	0.49663	0.01432	0.00189	0.014637
CGP-DSSPD-NR5-EXE3	STRING	3	243665	6220	112	0.58091	0.13585	0.00016	0.000482
	NonSpecific	7	243566	6216	211	0.52197	0.03432	0.00137	0.001125
	ChIP-Seq	79	240544	6144	3233	0.49605	0.01431	-0.00077	0.012695
CGP-DSSPD-NR5-EXE4	STRING	7	243605	6280	108	0.58066	0.1338	0.00489	0.001113
	NonSpecific	7	243502	6280	211	0.52143	0.03214	0.00131	0.001113
	ChIP-Seq	110	240511	6177	3202	0.49917	0.01487	0.00597	0.017496
CGP-DSSPD-NR5-EXE5	STRING	1	243858	6027	114	0.58053	0.13281	-0.00216	0.000166
	NonSpecific	0	243754	6028	218	0.521	0	-0.00464	0.0
	ChIP-Seq	78	240738	5950	3234	0.49917	0.01487	-0.00042	0.01294
CGP-DSSPD-NR10-EXE1	STRING	2	248613	1272	113	0.58028	0.13089	0.0037	0.00157
	NonSpecific	0	248508	1274	218	0.52063	0	-0.00211	0.0
	ChIP-Seq	22	245363	1325	3290	0.49958	0.01497	0.00199	0.016333
CGP-DSSPD-NR10-EXE2	STRING	0	248636	1249	115	0.58016	0	-0.00152	0.0
	NonSpecific	1	248534	1248	217	0.52253	0.03028	-0.00017	0.000801
	ChIP-Seq	12	245387	1301	3300	0.49881	0.01486	-0.00261	0.009139
CGP-DSSPD-NR10-EXE3	STRING	1	248724	1161	114	0.5799	0.12815	0.00128	0.000861
	NonSpecific	1	248621	1161	217	0.52226	0.02955	-3e-05	0.000861
	ChIP-Seq	10	245488	1200	3302	0.49816	0.01477	-0.00304	0.008264
CGP-DSSPD-NR10-EXE4	STRING	1	248750	1135	114	0.58384	0.12981	0.00132	0.00088
	NonSpecific	1	248647	1135	217	0.52196	0.02881	2e-05	0.00088
	ChIP-Seq	24	245527	1161	3288	0.49964	0.01499	0.00423	0.020253
CGP-DSSPD-NR10-EXE5	STRING	0	248671	1214	115	0.58346	0	-0.0015	0.0
	NonSpecific	1	248569	1213	217	0.52144	0.02771	-0.00011	0.000824
	ChIP-Seq	21	245430	1258	3291	0.50007	0.01505	0.00199	0.016419
CGP-KM-BKM-NR10-EXE1	STRING	0	248967	918	115	0.5822	0	-0.0013	0.0
	NonSpecific	1	248865	917	217	0.52092	0.02668	0.00045	0.001089
	ChIP-Seq	21	242934	3754	3291	0.49714	0.01472	-0.00832	0.005563
CGP-KM-BKM-NR10-EXE2	STRING	1	248810	1075	114	0.58187	0.11737	0.00144	0.000929
	NonSpecific	4	248710	1072	214	0.52061	0.02571	0.00634	0.003717
	ChIP-Seq	33	242621	4067	3279	0.49551	0.01457	-0.00587	0.008049
CGP-KM-BKM-NR10-EXE3	STRING	1	249133	752	114	0.58174	0.1167	0.00222	0.001328
	NonSpecific	2	249031	751	216	0.52056	0.02562	0.00332	0.002656
	ChIP-Seq	25	242494	4194	3287	0.49327	0.01435	-0.00839	0.005926
CGP-KM-BKM-NR10-EXE4	STRING	1	249243	642	114	0.5858	0.11921	0.00259	0.001555
	NonSpecific	1	249140	642	217	0.52044	0.02541	0.00118	0.001555
	ChIP-Seq	58	242840	3848	3254	0.49406	0.01448	0.00176	0.014849
CGP-KM-BKM-NR10-EXE5	STRING	1	249273	612	114	0.5858	0.11921	0.00271	0.001631
	NonSpecific	2	249171	611	216	0.52029	0.02515	0.00402	0.003263
	ChIP-Seq	34	243274	3414	3278	0.4939	0.01449	-0.0035	0.009861
CGP-KM-DSSPD-NR10-EXE1	STRING	1	248738	1147	114	0.58567	0.11855	0.0013	0.000871
	NonSpecific	0	248634	1148	218	0.51981	0	-0.00201	0.0
	ChIP-Seq	16	245327	1361	3296	0.49356	0.01446	-0.00106	0.011619
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248794	1091	114	0.58542	0.11727	0.00141	0.000916
	NonSpecific	4	248694	1088	214	0.52171	0.02514	0.00626	0.003663
	ChIP-Seq	12	245331	1357	3300	0.49324	0.01445	-0.00291	0.008766
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248635	1250	114	0.58529	0.11665	0.00112	0.000799
	NonSpecific	3	248534	1248	215	0.52598	0.02724	0.00367	0.002398
	ChIP-Seq	19	245206	1482	3293	0.49342	0.01449	-0.0004	0.012658
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248749	1136	114	0.58516	0.11603	0.00132	0.00088
	NonSpecific	5	248650	1132	213	0.52541	0.02636	0.00807	0.004398
	ChIP-Seq	38	245371	1317	3274	0.49596	0.01477	0.00955	0.028044
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248849	1036	113	0.58516	0.11603	0.00442	0.001927
	NonSpecific	1	248745	1037	217	0.52496	0.02573	0.0002	0.000963
	ChIP-Seq	6	245368	1320	3306	0.49476	0.01467	-0.00557	0.004525

## 4.2 Considering Self-Loop



Tabela 8: Tabular results for hESC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	0	249740	130	130	0.49976	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	0	248872	568	560	0.49972	0	-0.00226	0.0
GENIE3	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	2	248875	565	558	0.50102	0.00966	0.0013	0.003527
GRNBOOST2	STRING	0	249740	130	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249880	60	60	0.5	0	-0.00024	0.0
	ChIP-Seq	5	248878	562	555	0.50338	0.01481	0.00663	0.008818
SINCERITIES	STRING	0	249741	129	130	0.49964	0	-0.00052	0.0
	NonSpecific	0	249881	59	60	0.5	0	-0.00024	0.0
	ChIP-Seq	3	248893	547	557	0.50463	0.0113	0.00319	0.005291
PPCOR	STRING	0	249375	495	130	0.49784	0	-0.00102	0.0
	NonSpecific	0	249445	495	60	0.49904	0	-0.00069	0.0
	ChIP-Seq	0	248881	559	560	0.50293	0	-0.00224	0.0
CGP-DSSPD-NR5-EXE1	STRING	1	249536	334	129	0.49766	0.00768	0.00396	0.002933
	NonSpecific	0	249872	68	60	0.49904	0	-0.00026	0.0
	ChIP-Seq	40	241476	7964	520	0.50703	0.00978	0.01061	0.004876
CGP-DSSPD-NR5-EXE2	STRING	0	249539	331	130	0.49754	0	-0.00083	0.0
	NonSpecific	0	249873	67	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	13	242422	7018	547	0.50594	0.00869	-0.00141	0.001808
CGP-DSSPD-NR5-EXE3	STRING	0	249526	344	130	0.49736	0	-0.00085	0.0
	NonSpecific	0	249874	66	60	0.49891	0	-0.00025	0.0
	ChIP-Seq	23	241457	7983	537	0.50678	0.0087	0.00244	0.002821
CGP-DSSPD-NR5-EXE4	STRING	0	249529	341	130	0.49736	0	-0.00084	0.0
	NonSpecific	0	249871	69	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	32	240600	8840	529	0.50954	0.00942	0.00553	0.003529
CGP-DSSPD-NR5-EXE5	STRING	0	249497	373	130	0.49736	0	-0.00088	0.0
	NonSpecific	0	249872	68	60	0.49891	0	-0.00026	0.0
	ChIP-Seq	14	241133	8307	547	0.50971	0.00921	-0.0022	0.001639
CGP-DSSPD-NR10-EXE1	STRING	1	248551	1319	129	0.49712	0.00768	0.00076	0.000741
	NonSpecific	1	248621	1319	59	0.49891	0.00806	0.00243	0.000741
	ChIP-Seq	1	248121	1319	559	0.50868	0.00859	-0.00229	0.000741
CGP-DSSPD-NR10-EXE2	STRING	0	248575	1295	130	0.4967	0	-0.00165	0.0
	NonSpecific	0	248645	1295	60	0.49863	0	-0.00112	0.0
	ChIP-Seq	6	248151	1289	554	0.51032	0.00884	0.00365	0.004542
CGP-DSSPD-NR10-EXE3	STRING	3	247971	1899	127	0.49658	0.00768	0.00406	0.001528
	NonSpecific	0	249841	99	60	0.49863	0	-0.00031	0.0
	ChIP-Seq	3	247541	1899	557	0.50941	0.00842	-0.00123	0.001528
CGP-DSSPD-NR10-EXE4	STRING	1	248502	1368	129	0.49622	0.00768	0.00068	0.000709
	NonSpecific	1	248572	1368	59	0.49863	0.00806	0.00235	0.000709
	ChIP-Seq	6	248077	1363	554	0.51021	0.00851	0.00336	0.004255
CGP-DSSPD-NR10-EXE5	STRING	0	248553	1317	130	0.4958	0	-0.00166	0.0
	NonSpecific	0	248623	1317	60	0.4985	0	-0.00113	0.0
	ChIP-Seq	8	248130	1310	553	0.51082	0.00848	0.00589	0.005957
CGP-KM-BKM-NR10-EXE1	STRING	1	249225	645	129	0.49538	0.00768	0.0023	0.001524
	NonSpecific	0	249294	646	60	0.4985	0	-0.00079	0.0
	ChIP-Seq	3	248797	643	557	0.51292	0.00889	0.00259	0.004573
CGP-KM-BKM-NR10-EXE2	STRING	1	249153	717	129	0.49508	0.00768	0.00205	0.001385
	NonSpecific	0	249222	718	60	0.4985	0	-0.00083	0.0
	ChIP-Seq	1	248723	717	559	0.51253	0.00875	-0.00096	0.001385
CGP-KM-BKM-NR10-EXE3	STRING	0	249565	305	130	0.49478	0	-0.0008	0.0
	NonSpecific	0	249635	305	60	0.49836	0	-0.00054	0.0
	ChIP-Seq	3	248791	649	557	0.51457	0.00904	0.00255	0.00458
CGP-KM-BKM-NR10-EXE4	STRING	1	249276	594	129	0.49478	0.00768	0.00249	0.001626
	NonSpecific	0	249345	595	60	0.49836	0	-0.00076	0.0
	ChIP-Seq	4	248849	591	556	0.5152	0.00915	0.00463	0.006504
CGP-KM-BKM-NR10-EXE5	STRING	0	249299	571	130	0.49466	0	-0.00109	0.0
	NonSpecific	0	249369	571	60	0.49822	0	-0.00074	0.0
	ChIP-Seq	8	248877	563	552	0.51861	0.00973	0.01191	0.013889
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248485	1385	130	0.4943	0	-0.0017	0.0
	NonSpecific	0	248555	1385	60	0.49822	0	-0.00116	0.0
	ChIP-Seq	2	248057	1383	558	0.51747	0.00931	-0.00126	0.001405
CGP-KM-DSSPD-NR10-EXE2	STRING	0	249603	267	130	0.49424	0	-0.00075	0.0
	NonSpecific	0	249673	267	60	0.49822	0	-0.00051	0.0
	ChIP-Seq	2	247425	2015	558	0.5167	0.00906	-0.00238	0.000972
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248567	1303	127	0.494	0.00768	0.00565	0.002257
	NonSpecific	1	248635	1305	59	0.49822	0.00806	0.00246	0.000752
	ChIP-Seq	1	248135	1305	559	0.51556	0.00873	-0.00226	0.000752
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248516	1354	129	0.49388	0.00768	0.00071	0.000728
	NonSpecific	0	248585	1355	60	0.49809	0	-0.00114	0.0
	ChIP-Seq	5	248090	1350	555	0.51532	0.00858	0.00226	0.003642
CGP-KM-DSSPD-NR10-EXE5	STRING	3	248506	1364	127	0.4934	0.00768	0.00545	0.002168
	NonSpecific	0	248573	1367	60	0.49809	0	-0.00115	0.0
	ChIP-Seq	2	248075	1365	558	0.51418	0.00831	-0.00122	0.001445

## 5 Clustering Analysis

ChIP-Seq

NonSpeci

STRING

Tabela 9: Tabular results for hHep problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	4	249185	399	412	0.50379	0.0439	0.00814	0.009592
	NonSpecific	0	249804	95	101	0.49993	0	-0.00039	0.0
	ChIP-Seq	0	249257	367	376	0.49935	0	-0.00149	0.0
GENIE3	STRING	1	249169	415	415	0.50169	0.02053	0.00074	0.002404
	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49894	0	-0.00152	0.0
GRNBOOST2	STRING	2	249170	414	414	0.50177	0.01931	0.00315	0.004808
	NonSpecific	0	249797	102	101	0.49993	0	-0.00041	0.0
	ChIP-Seq	0	249243	381	376	0.49874	0	-0.00152	0.0
SINCERITIES	STRING	1	249184	400	415	0.50249	0.0202	0.00082	0.002404
	NonSpecific	0	249800	99	101	0.49961	0	-0.0004	0.0
	ChIP-Seq	0	249257	367	376	0.49807	0	-0.00149	0.0
PPCOR	STRING	0	249090	494	416	0.49982	0	-0.00182	0.0
	NonSpecific	0	249405	494	101	0.4985	0	-0.00089	0.0
	ChIP-Seq	0	249130	494	376	0.49708	0	-0.00173	0.0
CGP-DSSPD-NR5-EXE1	STRING	25	240718	8866	391	0.50132	0.0173	0.00541	0.002747
	NonSpecific	0	249633	266	101	0.49836	0	-0.00066	0.0
	ChIP-Seq	13	240746	8878	363	0.4964	0.00132	-0.00021	0.001428
CGP-DSSPD-NR5-EXE2	STRING	12	240880	8704	404	0.50066	0.01662	-0.00134	0.001341
	NonSpecific	0	249633	266	101	0.49823	0	-0.00066	0.0
	ChIP-Seq	11	240918	8706	366	0.49717	0.00173	-0.0012	0.001229
CGP-DSSPD-NR5-EXE3	STRING	14	241002	8582	402	0.50025	0.01625	-0.00016	0.001596
	NonSpecific	0	249637	262	101	0.49823	0	-0.00065	0.0
	ChIP-Seq	19	241047	8577	357	0.498	0.00206	0.00344	0.002166
CGP-DSSPD-NR5-EXE4	STRING	20	240541	9043	396	0.49957	0.0157	0.00258	0.002153
	NonSpecific	0	249613	286	101	0.4981	0	-0.00068	0.0
	ChIP-Seq	21	240582	9042	355	0.49747	0.00199	0.00407	0.00226
CGP-DSSPD-NR5-EXE5	STRING	23	240706	8878	393	0.50029	0.01626	0.00434	0.00251
	NonSpecific	0	249600	299	101	0.4981	0	-0.0007	0.0
	ChIP-Seq	9	240732	8892	367	0.4983	0.00223	-0.00244	0.000982
CGP-DSSPD-NR10-EXE1	STRING	1	247723	1861	415	0.49957	0.01573	-0.00239	0.000524
	NonSpecific	0	249798	101	101	0.49784	0	-0.0004	0.0
	ChIP-Seq	1	247763	1861	375	0.49774	0.00215	-0.00216	0.000524
CGP-DSSPD-NR10-EXE2	STRING	9	247654	1930	407	0.50142	0.01699	0.00646	0.004496
	NonSpecific	0	249784	115	101	0.49784	0	-0.00043	0.0
	ChIP-Seq	2	247687	1937	374	0.49724	0.00209	-0.00108	0.000999
CGP-DSSPD-NR10-EXE3	STRING	6	247606	1978	410	0.50223	0.0175	0.00298	0.002935
	NonSpecific	0	249749	150	101	0.49778	0	-0.00049	0.0
	ChIP-Seq	5	247645	1979	371	0.49812	0.00228	0.00234	0.002446
CGP-DSSPD-NR10-EXE4	STRING	4	248260	1324	412	0.5017	0.01711	0.00242	0.002956
	NonSpecific	1	248572	1327	100	0.49771	0.00652	0.00127	0.000739
	ChIP-Seq	5	248301	1323	371	0.49741	0.00219	0.00426	0.003695
CGP-DSSPD-NR10-EXE5	STRING	1	247777	1807	415	0.50097	0.01662	-0.00233	0.000546
	NonSpecific	0	249794	105	101	0.49764	0	-0.00041	0.0
	ChIP-Seq	15	247831	1793	361	0.49952	0.00255	0.01496	0.008188
CGP-KM-BKM-NR10-EXE1	STRING	13	248250	1334	403	0.50483	0.01875	0.01442	0.009468
	NonSpecific	0	248552	1347	101	0.49745	0	-0.00148	0.0
	ChIP-Seq	15	248292	1332	361	0.50803	0.00378	0.01829	0.010925
CGP-KM-BKM-NR10-EXE2	STRING	0	248516	1068	416	0.50384	0	-0.00267	0.0
	NonSpecific	0	248831	1068	101	0.49732	0	-0.00132	0.0
	ChIP-Seq	3	248559	1065	373	0.50875	0.0038	0.00221	0.00277
CGP-KM-BKM-NR10-EXE3	STRING	1	248376	1208	415	0.50336	0.01776	-0.00143	0.000814
	NonSpecific	1	248691	1208	100	0.49706	0.00652	0.00147	0.000814
	ChIP-Seq	7	248422	1202	369	0.50828	0.00369	0.00771	0.0057
CGP-KM-BKM-NR10-EXE4	STRING	8	246710	2874	408	0.50196	0.01698	0.00295	0.002746
	NonSpecific	1	247018	2881	100	0.49647	0.00652	-0.00031	0.000343
	ChIP-Seq	12	246754	2870	364	0.51032	0.00387	0.00741	0.004119
CGP-KM-BKM-NR10-EXE5	STRING	0	247945	1639	416	0.50169	0	-0.00332	0.0
	NonSpecific	0	248260	1639	101	0.4964	0	-0.00163	0.0
	ChIP-Seq	0	247985	1639	376	0.50983	0	-0.00315	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	0	249141	443	416	0.50147	0	-0.00172	0.0
	NonSpecific	0	249456	443	101	0.4964	0	-0.00085	0.0
	ChIP-Seq	0	249181	443	376	0.50932	0	-0.00163	0.0
CGP-KM-DSSPD-NR10-EXE2	STRING	1	249143	441	415	0.50244	0.01717	0.00062	0.002252
	NonSpecific	0	249457	442	101	0.4964	0	-0.00085	0.0
	ChIP-Seq	0	249182	442	376	0.50892	0	-0.00163	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	3	247869	1715	413	0.50249	0.01713	0.00017	0.001671
	NonSpecific	4	248185	1714	97	0.49627	0.00652	0.00796	0.002228
	ChIP-Seq	14	247920	1704	362	0.51346	0.00397	0.01426	0.007799
CGP-KM-DSSPD-NR10-EXE4	STRING	1	249132	452	415	0.5035	0.01755	0.00057	0.002198
	NonSpecific	0	249446	453	101	0.49627	0	-0.00086	0.0
	ChIP-Seq	0	249171	453	376	0.51305	0	-0.00165	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	0	247887	1697	416	0.50229	0	-0.00337	0.0
	NonSpecific	1	248203	1696	100	0.49621	0.00652	0.00076	0.000573
	ChIP-Seq	0	247927	1697	376	0.51232	0	-0.00321	0.0

## 6 Boxplots

### 6.1 ChIP-Seq

Tabela 10: Tabular results for mDC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	1	249749	125	125	0.50323	0.04999	0.00744	0.007937
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
GENIE3	STRING	0	249748	126	126	0.50309	0	-0.0005	0.0
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
GRNBOOST2	STRING	0	249748	126	126	0.50302	0	-0.0005	0.0
	NonSpecific	0	249932	34	34	0.5	0	-0.00014	0.0
	ChIP-Seq	0	249928	36	36	0.5	0	-0.00014	0.0
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	249374	500	126	0.50189	0	-0.00101	0.0
	NonSpecific	0	249466	500	34	0.5	0	-0.00052	0.0
	ChIP-Seq	0	249464	500	36	0.49911	0	-0.00054	0.0
CGP-DSSPD-NR5-EXE1	STRING	0	249700	174	126	0.50136	0	-0.00059	0.0
	NonSpecific	1	249793	173	33	0.5	0.51561	0.0127	0.005747
	ChIP-Seq	0	249790	174	36	0.49911	0	-0.00032	0.0
CGP-DSSPD-NR5-EXE2	STRING	0	249693	181	126	0.50096	0	-0.0006	0.0
	NonSpecific	0	249785	181	34	0.5	0	-0.00031	0.0
	ChIP-Seq	0	249783	181	36	0.49911	0	-0.00032	0.0
CGP-DSSPD-NR5-EXE3	STRING	0	249725	149	126	0.50056	0	-0.00055	0.0
	NonSpecific	0	249817	149	34	0.5	0	-0.00028	0.0
	ChIP-Seq	0	249815	149	36	0.49911	0	-0.00029	0.0
CGP-DSSPD-NR5-EXE4	STRING	0	249681	193	126	0.50022	0	-0.00062	0.0
	NonSpecific	0	249773	193	34	0.49953	0	-0.00032	0.0
	ChIP-Seq	0	249771	193	36	0.49911	0	-0.00033	0.0
CGP-DSSPD-NR5-EXE5	STRING	1	249698	176	125	0.50364	0.02365	0.0061	0.00565
	NonSpecific	0	249789	177	34	0.49953	0	-0.00031	0.0
	ChIP-Seq	0	249787	177	36	0.49911	0	-0.00032	0.0
CGP-DSSPD-NR10-EXE1	STRING	6	247866	2008	120	0.50364	0.02365	0.00994	0.002979
	NonSpecific	1	247953	2013	33	0.49953	0.01561	0.00279	0.000497
	ChIP-Seq	3	247953	2011	33	0.49911	0.01557	0.01011	0.00149
CGP-DSSPD-NR10-EXE2	STRING	1	247818	2056	125	0.50337	0.02278	-7e-05	0.000486
	NonSpecific	1	247910	2056	33	0.49953	0.01561	0.00274	0.000486
	ChIP-Seq	0	247907	2057	36	0.49911	0	-0.00109	0.0
CGP-DSSPD-NR10-EXE3	STRING	1	247816	2058	125	0.50317	0.02219	-7e-05	0.000486
	NonSpecific	1	247908	2058	33	0.49953	0.01561	0.00273	0.000486
	ChIP-Seq	0	247905	2059	36	0.49911	0	-0.00109	0.0
CGP-DSSPD-NR10-EXE4	STRING	0	247718	2156	126	0.5029	0	-0.00209	0.0
	NonSpecific	0	247810	2156	34	0.49953	0	-0.00109	0.0
	ChIP-Seq	1	247809	2155	35	0.49911	0.01557	0.00249	0.000464
CGP-DSSPD-NR10-EXE5	STRING	4	247612	2262	122	0.50284	0.0213	0.00537	0.001765
	NonSpecific	0	247700	2266	34	0.49953	0	-0.00112	0.0
	ChIP-Seq	0	247698	2266	36	0.49911	0	-0.00115	0.0
CGP-KM-BKM-NR10-EXE1	STRING	0	248695	1179	126	0.50277	0	-0.00155	0.0
	NonSpecific	0	248787	1179	34	0.49953	0	-0.0008	0.0
	ChIP-Seq	0	248785	1179	36	0.49911	0	-0.00083	0.0
CGP-KM-BKM-NR10-EXE2	STRING	0	246951	2923	126	0.50277	0	-0.00244	0.0
	NonSpecific	0	247043	2923	34	0.49953	0	-0.00127	0.0
	ChIP-Seq	5	247046	2918	31	0.49911	0.01557	0.0142	0.001711
CGP-KM-BKM-NR10-EXE3	STRING	0	249211	663	126	0.50277	0	-0.00116	0.0
	NonSpecific	0	249303	663	34	0.49953	0	-0.0006	0.0
	ChIP-Seq	5	249306	658	31	0.49866	0.01557	0.03179	0.007541
CGP-KM-BKM-NR10-EXE4	STRING	0	248573	1301	126	0.50277	0	-0.00162	0.0
	NonSpecific	0	248665	1301	34	0.49953	0	-0.00084	0.0
	ChIP-Seq	0	248663	1301	36	0.49866	0	-0.00087	0.0
CGP-KM-BKM-NR10-EXE5	STRING	0	249292	582	126	0.50277	0	-0.00109	0.0
	NonSpecific	0	249384	582	34	0.49953	0	-0.00056	0.0
	ChIP-Seq	0	249382	582	36	0.49866	0	-0.00058	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248069	1805	126	0.50257	0	-0.00192	0.0
	NonSpecific	0	248161	1805	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248159	1805	36	0.49866	0	-0.00102	0.0
CGP-KM-DSSPD-NR10-EXE2	STRING	0	248043	1831	126	0.50257	0	-0.00193	0.0
	NonSpecific	0	248135	1831	34	0.49953	0	-0.001	0.0
	ChIP-Seq	0	248133	1831	36	0.49866	0	-0.00103	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	2	248100	1774	124	0.50237	0.02025	0.00234	0.001126
	NonSpecific	0	248190	1776	34	0.49953	0	-0.00099	0.0
	ChIP-Seq	0	248188	1776	36	0.49866	0	-0.00102	0.0
CGP-KM-DSSPD-NR10-EXE4	STRING	0	249471	403	126	0.5021	0	-0.0009	0.0
	NonSpecific	0	249563	403	34	0.49953	0	-0.00047	0.0
	ChIP-Seq	0	249561	403	36	0.49821	0	-0.00048	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	0	248202	1672	126	0.5021	0	-0.00184	0.0
	NonSpecific	0	248294	1672	34	0.49953	0	-0.00096	0.0
	ChIP-Seq	0	248292	1672	36	0.49821	0	-0.00098	0.0

Tabela 11: Tabular results for mESC problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	7	249504	245	244	0.51121	0.09041	0.02685	0.027778
	NonSpecific	0	249246	378	376	0.4995	0	-0.00151	0.0
	ChIP-Seq	46	243327	3314	3313	0.50194	0.02969	0.00026	0.01369
GENIE3	STRING	12	249510	239	239	0.51994	0.10247	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50148	0.01433	0.00382	0.005319
	ChIP-Seq	89	243371	3270	3270	0.50376	0.02858	0.01324	0.026496
GRNBOOST2	STRING	12	249510	239	239	0.53159	0.1361	0.04685	0.047809
	NonSpecific	2	249250	374	374	0.50353	0.01751	0.00382	0.005319
	ChIP-Seq	100	243382	3259	3259	0.50576	0.02996	0.01656	0.029771
SINCERITIES	STRING	2	249504	245	249	0.5346	0.12868	0.00704	0.007968
	NonSpecific	4	249264	360	372	0.50801	0.02211	0.00935	0.010638
	ChIP-Seq	42	243478	3163	3317	0.5054	0.02845	-0.00033	0.012504
PPCOR	STRING	0	249249	500	251	0.53125	0	-0.00142	0.0
	NonSpecific	0	249124	500	376	0.50621	0	-0.00174	0.0
	ChIP-Seq	0	246141	500	3359	0.50403	0	-0.00522	0.0
CGP-DSSPD-NR5-EXE1	STRING	5	241690	8059	246	0.53075	0.09041	-0.00221	0.00062
	NonSpecific	11	241571	8053	365	0.50551	0.01368	-0.00066	0.001364
	ChIP-Seq	112	238689	7952	3247	0.50447	0.02727	0.00072	0.013889
CGP-DSSPD-NR5-EXE2	STRING	6	241752	7997	245	0.52997	0.08604	-0.00146	0.00075
	NonSpecific	11	241632	7992	365	0.50867	0.01535	-0.00061	0.001374
	ChIP-Seq	89	238727	7914	3270	0.50432	0.02695	-0.00366	0.011121
CGP-DSSPD-NR5-EXE3	STRING	8	241630	8119	243	0.52971	0.08473	-0.00011	0.000984
	NonSpecific	9	241506	8118	367	0.50905	0.01475	-0.00188	0.001107
	ChIP-Seq	155	238669	7972	3204	0.50776	0.02779	0.00897	0.019072
CGP-DSSPD-NR5-EXE4	STRING	9	241876	7873	242	0.52938	0.08316	0.00078	0.001142
	NonSpecific	14	241756	7868	362	0.50806	0.01348	0.00127	0.001776
	ChIP-Seq	104	238863	7778	3255	0.50687	0.02731	-0.00038	0.013195
CGP-DSSPD-NR5-EXE5	STRING	10	241540	8209	241	0.52912	0.08197	0.00124	0.001217
	NonSpecific	10	241415	8209	366	0.50992	0.01401	-0.00137	0.001217
	ChIP-Seq	95	238517	8124	3264	0.5059	0.02688	-0.00301	0.011559
CGP-DSSPD-NR10-EXE1	STRING	2	248184	1565	249	0.53038	0.08133	0.00068	0.001276
	NonSpecific	0	248057	1567	376	0.50922	0	-0.00308	0.0
	ChIP-Seq	76	241710	4931	3283	0.50757	0.02723	0.00216	0.015179
CGP-DSSPD-NR10-EXE2	STRING	2	248039	1710	249	0.52985	0.07916	0.00043	0.001168
	NonSpecific	4	247916	1708	372	0.51002	0.01344	0.00178	0.002336
	ChIP-Seq	33	243520	3121	3326	0.50633	0.02671	-0.00292	0.010463
CGP-DSSPD-NR10-EXE3	STRING	4	248153	1596	247	0.53346	0.08281	0.00379	0.0025
	NonSpecific	2	248026	1598	374	0.51048	0.01329	-0.00053	0.00125
	ChIP-Seq	30	245008	1633	3329	0.50763	0.02692	0.00327	0.01804
CGP-DSSPD-NR10-EXE4	STRING	4	248088	1661	247	0.53485	0.08278	0.00362	0.002402
	NonSpecific	5	247964	1660	371	0.51122	0.01336	0.00317	0.003003
	ChIP-Seq	44	243350	3291	3315	0.5078	0.02686	-0.00024	0.013193
CGP-DSSPD-NR10-EXE5	STRING	1	248193	1556	250	0.53433	0.0809	-0.0009	0.000642
	NonSpecific	1	248068	1556	375	0.51052	0.01285	-0.00176	0.000642
	ChIP-Seq	42	243504	3137	3317	0.50835	0.02687	-0.00022	0.013212
CGP-KM-BKM-NR10-EXE1	STRING	1	249421	328	250	0.53581	0.08144	0.00233	0.00304
	NonSpecific	2	249188	436	374	0.51257	0.01341	0.00331	0.004566
	ChIP-Seq	81	240776	5865	3278	0.50782	0.02667	0.00025	0.013623
CGP-KM-BKM-NR10-EXE2	STRING	0	249461	288	251	0.53554	0	-0.00108	0.0
	NonSpecific	3	247770	1854	373	0.51346	0.01357	0.00025	0.001616
	ChIP-Seq	22	243293	3348	3337	0.50472	0.02614	-0.00701	0.006528
CGP-KM-BKM-NR10-EXE3	STRING	0	249427	322	251	0.53548	0	-0.00114	0.0
	NonSpecific	1	247728	1896	375	0.51307	0.01331	-0.0022	0.000527
	ChIP-Seq	19	243267	3374	3340	0.50185	0.02571	-0.00798	0.0056
CGP-KM-BKM-NR10-EXE4	STRING	0	249458	291	251	0.53528	0	-0.00108	0.0
	NonSpecific	2	247757	1867	374	0.51279	0.01314	-0.00097	0.00107
	ChIP-Seq	44	243158	3483	3315	0.50103	0.02561	-0.001	0.012475
CGP-KM-BKM-NR10-EXE5	STRING	0	249441	308	251	0.53507	0	-0.00111	0.0
	NonSpecific	2	248811	813	374	0.5138	0.01336	0.0014	0.002454
	ChIP-Seq	83	242402	4239	3276	0.50218	0.02569	0.00664	0.019204
CGP-KM-DSSPD-NR10-EXE1	STRING	3	247654	2095	248	0.53642	0.07925	0.00124	0.00143
	NonSpecific	0	247526	2098	376	0.5131	0	-0.00357	0.0
	ChIP-Seq	39	244469	2172	3320	0.5037	0.02595	0.00345	0.017639
CGP-KM-DSSPD-NR10-EXE2	STRING	0	247971	1778	251	0.53562	0	-0.00268	0.0
	NonSpecific	4	247850	1774	372	0.51365	0.01291	0.00163	0.00225
	ChIP-Seq	31	244789	1852	3328	0.50432	0.02602	0.00229	0.016463
CGP-KM-DSSPD-NR10-EXE3	STRING	1	247768	1981	250	0.53536	0.07629	-0.00141	0.000505
	NonSpecific	1	247643	1981	375	0.51299	0.01257	-0.00231	0.000505
	ChIP-Seq	76	242819	3822	3283	0.5059	0.02621	0.00663	0.019497
CGP-KM-DSSPD-NR10-EXE4	STRING	1	247802	1947	250	0.53496	0.07529	-0.00137	0.000513
	NonSpecific	3	247679	1945	373	0.5123	0.01224	8e-05	0.00154
	ChIP-Seq	56	242915	3726	3303	0.5062	0.02622	0.00148	0.014807
CGP-KM-DSSPD-NR10-EXE5	STRING	1	248062	1687	250	0.53622	0.07523	-0.00107	0.000592
	NonSpecific	2	247938	1686	374	0.51433	0.01265	-0.00068	0.001185
	ChIP-Seq	54	242987	3654	3305	0.50511	0.02596	0.0012	0.014563

Tabela 12: Tabular results for mHSC-E problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249444	268	268	0.52711	0.07448	0.06837	0.069444
	NonSpecific	12	249460	264	264	0.51952	0.0619	0.04242	0.043478
	ChIP-Seq	9	247265	1363	1363	0.50071	0.00966	0.00108	0.00656
GENIE3	STRING	13	249437	275	275	0.52852	0.05636	0.04404	0.045139
	NonSpecific	7	249455	269	269	0.52411	0.05168	0.02429	0.025362
	ChIP-Seq	5	247261	1367	1367	0.49986	0.00645	-0.00185	0.003644
GRNBOOST2	STRING	11	249435	277	277	0.52799	0.06716	0.03708	0.038194
	NonSpecific	9	249457	267	267	0.52381	0.05419	0.03154	0.032609
	ChIP-Seq	5	247261	1367	1367	0.49936	0.00856	-0.00185	0.003644
SINCERITIES	STRING	0	249427	285	288	0.52768	0	-0.00115	0.0
	NonSpecific	0	249451	273	276	0.52322	0	-0.0011	0.0
	ChIP-Seq	8	247275	1353	1364	0.50016	0.00918	0.00039	0.005831
PPCOR	STRING	0	249212	500	288	0.52521	0	-0.00152	0.0
	NonSpecific	0	249224	500	276	0.52171	0	-0.00149	0.0
	ChIP-Seq	8	247262	1366	1364	0.49867	0.006	0.00034	0.005822
CGP-DSSPD-NR5-EXE1	STRING	14	243189	6523	274	0.52494	0.05881	0.00478	0.002133
	NonSpecific	9	243196	6528	267	0.52112	0.03923	0.00135	0.001371
	ChIP-Seq	36	242127	6501	1336	0.49846	0.00605	4e-05	0.005484
CGP-DSSPD-NR5-EXE2	STRING	5	243785	5927	283	0.52452	0.05794	-0.00142	0.000841
	NonSpecific	3	243795	5929	273	0.52065	0.03785	-0.00281	0.000505
	ChIP-Seq	33	242729	5899	1339	0.49769	0.00595	0.00016	0.005552
CGP-DSSPD-NR5-EXE3	STRING	7	243013	6699	281	0.52417	0.05726	-0.00053	0.001041
	NonSpecific	10	243028	6696	266	0.52013	0.03654	0.00194	0.001487
	ChIP-Seq	51	241973	6655	1321	0.49842	0.00617	0.00476	0.007585
CGP-DSSPD-NR5-EXE4	STRING	7	242855	6857	281	0.52375	0.05647	-0.00065	0.001014
	NonSpecific	6	242866	6858	270	0.51969	0.03558	-0.00116	0.000869
	ChIP-Seq	37	241801	6827	1335	0.4981	0.00615	-0.00022	0.00536
CGP-DSSPD-NR5-EXE5	STRING	12	243391	6321	276	0.52309	0.05534	0.00353	0.001886
	NonSpecific	9	243400	6324	267	0.52103	0.03572	0.00154	0.001415
	ChIP-Seq	56	242351	6277	1316	0.49934	0.00637	0.00732	0.008802
CGP-DSSPD-NR10-EXE1	STRING	0	248439	1273	288	0.52279	0	-0.00243	0.0
	NonSpecific	0	248451	1273	276	0.52054	0	-0.00238	0.0
	ChIP-Seq	11	247296	1332	1361	0.50091	0.0066	0.00269	0.008172
CGP-DSSPD-NR10-EXE2	STRING	1	248518	1194	287	0.52217	0.0539	-0.00064	0.000833
	NonSpecific	1	248530	1194	275	0.51999	0.03392	-0.00056	0.000833
	ChIP-Seq	7	247389	1239	1365	0.50083	0.00658	0.00013	0.005591
CGP-DSSPD-NR10-EXE3	STRING	0	248489	1223	288	0.52151	0	-0.00238	0.0
	NonSpecific	1	248502	1222	275	0.52142	0.03432	-0.0006	0.000817
	ChIP-Seq	4	247343	1285	1368	0.4999	0.00645	-0.00232	0.003101
CGP-DSSPD-NR10-EXE4	STRING	1	248499	1213	287	0.52101	0.0523	-0.00068	0.00082
	NonSpecific	1	248511	1213	275	0.5211	0.03385	-0.00059	0.00082
	ChIP-Seq	6	247342	1286	1366	0.49934	0.00639	-0.00082	0.004626
CGP-DSSPD-NR10-EXE5	STRING	0	248468	1244	288	0.52024	0	-0.0024	0.0
	NonSpecific	0	248480	1244	276	0.52053	0	-0.00235	0.0
	ChIP-Seq	12	247327	1301	1360	0.50097	0.00655	0.00359	0.009091
CGP-KM-BKM-NR10-EXE1	STRING	1	249231	481	287	0.52116	0.05147	0.0012	0.00189
	NonSpecific	2	249244	480	274	0.5219	0.03344	0.00403	0.003781
	ChIP-Seq	2	246834	1794	1370	0.49894	0.00635	-0.00504	0.001068
CGP-KM-BKM-NR10-EXE2	STRING	4	248072	1640	284	0.52081	0.05111	0.00307	0.002345
	NonSpecific	4	248084	1640	272	0.5214	0.03287	0.00326	0.002345
	ChIP-Seq	3	246987	1641	1369	0.49775	0.00625	-0.00403	0.001758
CGP-KM-BKM-NR10-EXE3	STRING	1	249256	456	287	0.52062	0.05091	0.00131	0.00198
	NonSpecific	2	249269	455	274	0.52123	0.0327	0.00422	0.00396
	ChIP-Seq	3	246487	2141	1369	0.49718	0.00621	-0.00515	0.001354
CGP-KM-BKM-NR10-EXE4	STRING	1	249010	702	287	0.52024	0.0505	0.00042	0.001321
	NonSpecific	2	249023	701	274	0.52109	0.03256	0.00278	0.002642
	ChIP-Seq	27	246215	2413	1345	0.49976	0.00642	0.00749	0.010736
CGP-KM-BKM-NR10-EXE5	STRING	1	248995	717	287	0.52004	0.0503	0.00038	0.001294
	NonSpecific	3	249009	715	273	0.52265	0.03311	0.00497	0.003881
	ChIP-Seq	0	247024	1604	1372	0.49812	0	-0.00597	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	2	248418	1294	286	0.51935	0.04963	0.00083	0.001537
	NonSpecific	1	248429	1295	275	0.52199	0.03243	-0.00072	0.000769
	ChIP-Seq	4	247250	1378	1368	0.49676	0.0062	-0.00262	0.002882
CGP-KM-DSSPD-NR10-EXE2	STRING	3	248442	1270	285	0.51875	0.04889	0.00254	0.002353
	NonSpecific	3	248454	1270	273	0.52149	0.03174	0.0027	0.002353
	ChIP-Seq	19	247271	1357	1353	0.5008	0.00649	0.00838	0.013788
CGP-KM-DSSPD-NR10-EXE3	STRING	3	248355	1357	285	0.51998	0.04935	0.0023	0.002203
	NonSpecific	3	248367	1357	273	0.5228	0.03202	0.00245	0.002203
	ChIP-Seq	3	247228	1400	1369	0.49954	0.0064	-0.00341	0.002135
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248332	1380	288	0.51951	0	-0.00253	0.0
	NonSpecific	2	248346	1378	274	0.52229	0.03159	0.00077	0.001442
	ChIP-Seq	12	247260	1368	1360	0.50098	0.00648	0.00324	0.008652
CGP-KM-DSSPD-NR10-EXE5	STRING	0	249332	380	288	0.51924	0	-0.00133	0.0
	NonSpecific	1	249345	379	275	0.52383	0.03206	0.00179	0.002632
	ChIP-Seq	6	247014	1614	1366	0.50093	0.00648	-0.00195	0.003697

Tabela 13: Tabular results for mHSC-GM problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	26	249578	198	198	0.55294	0.1534	0.11528	0.116071
	NonSpecific	16	249621	182	181	0.53929	0.149	0.08029	0.080808
	ChIP-Seq	27	245584	2195	2194	0.50176	0.01235	0.0033	0.012151
GENIE3	STRING	12	249564	212	212	0.55673	0.15025	0.05272	0.053571
	NonSpecific	2	249608	195	195	0.53903	0.13544	0.00937	0.010152
	ChIP-Seq	19	245577	2202	2202	0.50113	0.01055	-0.00033	0.008555
GRNBOOST2	STRING	12	249564	212	212	0.55624	0.13799	0.05272	0.053571
	NonSpecific	5	249611	192	192	0.53886	0.1197	0.02461	0.025381
	ChIP-Seq	24	245582	2197	2197	0.50112	0.01051	0.00194	0.010806
SINCERITIES	STRING	0	249552	224	224	0.55624	0	-0.0009	0.0
	NonSpecific	0	249606	197	197	0.53886	0	-0.00079	0.0
	ChIP-Seq	24	245602	2177	2197	0.5022	0.01069	0.00203	0.010806
PPCOR	STRING	0	249276	500	224	0.55372	0	-0.00134	0.0
	NonSpecific	0	249303	500	197	0.53743	0	-0.00126	0.0
	ChIP-Seq	17	245574	2205	2204	0.50116	0.01002	-0.00125	0.007651
CGP-DSSPD-NR5-EXE1	STRING	6	243960	5816	218	0.55337	0.10912	0.00069	0.001027
	NonSpecific	6	243987	5816	191	0.53715	0.07442	0.00134	0.001027
	ChIP-Seq	24	241981	5798	2197	0.49927	0.00949	-0.00784	0.004107
CGP-DSSPD-NR5-EXE2	STRING	2	243964	5812	222	0.5532	0.10787	-0.00285	0.000342
	NonSpecific	4	243993	5810	193	0.53685	0.07037	-0.00055	0.000684
	ChIP-Seq	55	242020	5759	2166	0.49941	0.00955	0.00095	0.0094
CGP-DSSPD-NR5-EXE3	STRING	12	243941	5835	212	0.55516	0.10864	0.00598	0.00204
	NonSpecific	13	243969	5834	184	0.5391	0.07008	0.00792	0.002211
	ChIP-Seq	55	241987	5792	2166	0.49961	0.0096	0.00086	0.009352
CGP-DSSPD-NR5-EXE4	STRING	9	243786	5990	215	0.5551	0.10824	0.00317	0.001491
	NonSpecific	4	243808	5995	193	0.5389	0.06798	-0.00068	0.000663
	ChIP-Seq	66	241846	5933	2155	0.50024	0.00972	0.00354	0.010936
CGP-DSSPD-NR5-EXE5	STRING	8	243772	6004	216	0.55474	0.10593	0.00228	0.001325
	NonSpecific	8	243799	6004	189	0.54123	0.06871	0.00304	0.001325
	ChIP-Seq	63	241830	5949	2158	0.50041	0.00975	0.00267	0.010437
CGP-DSSPD-NR10-EXE1	STRING	1	248630	1146	223	0.55672	0.10691	-6e-05	0.000862
	NonSpecific	0	248656	1147	197	0.54093	0	-0.00191	0.0
	ChIP-Seq	8	246555	1224	2213	0.49987	0.00967	-0.00179	0.006426
CGP-DSSPD-NR10-EXE2	STRING	2	248649	1127	222	0.55637	0.10478	0.00197	0.001767
	NonSpecific	0	248674	1129	197	0.54059	0	-0.00189	0.0
	ChIP-Seq	18	246585	1194	2203	0.5011	0.00981	0.00444	0.014815
CGP-DSSPD-NR10-EXE3	STRING	0	248632	1144	224	0.55619	0	-0.00203	0.0
	NonSpecific	0	248659	1144	197	0.54043	0	-0.0019	0.0
	ChIP-Seq	10	246521	1258	2211	0.50019	0.00968	-0.00076	0.007855
CGP-DSSPD-NR10-EXE4	STRING	0	248677	1099	224	0.55596	0	-0.00199	0.0
	NonSpecific	1	248705	1098	196	0.54001	0.05887	0.00029	0.000907
	ChIP-Seq	12	246625	1154	2209	0.5008	0.00976	0.00103	0.010256
CGP-DSSPD-NR10-EXE5	STRING	1	248697	1079	223	0.55549	0.09999	7e-05	0.000921
	NonSpecific	2	248725	1078	195	0.54219	0.05917	0.0025	0.001842
	ChIP-Seq	15	246664	1115	2206	0.50173	0.00986	0.00315	0.013204
CGP-KM-BKM-NR10-EXE1	STRING	2	249232	544	222	0.55481	0.09687	0.00433	0.003663
	NonSpecific	1	249258	545	196	0.54177	0.05715	0.00174	0.001832
	ChIP-Seq	11	245131	2648	2210	0.50004	0.00967	-0.00524	0.004104
CGP-KM-BKM-NR10-EXE2	STRING	3	248881	895	221	0.55668	0.09745	0.00491	0.003341
	NonSpecific	2	248907	896	195	0.54406	0.05819	0.00308	0.002227
	ChIP-Seq	51	244797	2982	2170	0.49993	0.00965	0.00937	0.016804
CGP-KM-BKM-NR10-EXE3	STRING	2	247995	1781	222	0.5565	0.09668	0.00064	0.001122
	NonSpecific	0	248020	1783	197	0.54387	0	-0.00238	0.0
	ChIP-Seq	4	244970	2809	2217	0.49739	0.00941	-0.00848	0.00141
CGP-KM-BKM-NR10-EXE4	STRING	1	248437	1339	223	0.55638	0.09618	-0.00037	0.000746
	NonSpecific	0	248463	1340	197	0.54387	0	-0.00206	0.0
	ChIP-Seq	9	244943	2836	2212	0.49574	0.00929	-0.00654	0.003157
CGP-KM-BKM-NR10-EXE5	STRING	1	249100	676	223	0.55632	0.09594	0.00101	0.001477
	NonSpecific	0	249126	677	197	0.54384	0	-0.00146	0.0
	ChIP-Seq	19	245556	2223	2202	0.49703	0.00941	-0.00042	0.008463
CGP-KM-DSSPD-NR10-EXE1	STRING	0	248622	1154	224	0.55586	0	-0.00204	0.0
	NonSpecific	0	248649	1154	197	0.5437	0	-0.00191	0.0
	ChIP-Seq	7	246504	1275	2214	0.49622	0.00936	-0.00262	0.005443
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248667	1109	223	0.55533	0.09204	1e-05	0.000898
	NonSpecific	1	248694	1109	196	0.54353	0.05569	0.00027	0.000898
	ChIP-Seq	14	246429	1350	2207	0.49644	0.00938	0.00109	0.010234
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248622	1154	223	0.55515	0.09141	-7e-05	0.000858
	NonSpecific	0	248648	1155	197	0.54331	0	-0.00191	0.0
	ChIP-Seq	22	246436	1343	2199	0.49821	0.00955	0.00571	0.015954
CGP-KM-DSSPD-NR10-EXE4	STRING	0	248616	1160	224	0.55486	0	-0.00204	0.0
	NonSpecific	0	248643	1160	197	0.54312	0	-0.00192	0.0
	ChIP-Seq	16	246394	1385	2205	0.49913	0.00962	0.00203	0.011404
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248625	1151	222	0.55684	0.09152	0.00191	0.00173
	NonSpecific	1	248651	1152	196	0.54284	0.05289	0.00019	0.000865
	ChIP-Seq	13	246420	1359	2208	0.4993	0.00964	0.00047	0.009455

Tabela 14: Tabular results for mHSC-L problem considering the 500nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	20	249789	96	95	0.57986	0.17355	0.17278	0.172414
	NonSpecific	12	249576	206	206	0.52569	0.08153	0.05422	0.055046
	ChIP-Seq	36	243412	3276	3276	0.4989	0.01378	-0.00241	0.01087
GENIE3	STRING	12	249782	103	103	0.58374	0.16805	0.10394	0.104348
	NonSpecific	6	249570	212	212	0.52523	0.07193	0.02667	0.027523
	ChIP-Seq	39	243415	3273	3273	0.49861	0.01401	-0.00149	0.011775
GRNBOOST2	STRING	5	249775	110	110	0.58343	0.16217	0.04304	0.043478
	NonSpecific	5	249569	213	213	0.52508	0.06383	0.02208	0.022936
	ChIP-Seq	46	243422	3266	3266	0.49991	0.01498	0.00065	0.013889
SINCERITIES	STRING	0	249794	91	115	0.5833	0	-0.00041	0.0
	NonSpecific	0	249596	186	218	0.52476	0	-0.00081	0.0
	ChIP-Seq	22	243648	3040	3290	0.49684	0.01372	-0.0059	0.006643
PPCOR	STRING	0	249385	500	115	0.58179	0	-0.00096	0.0
	NonSpecific	0	249282	500	218	0.52314	0	-0.00132	0.0
	ChIP-Seq	33	243409	3279	3279	0.49492	0.01344	-0.00333	0.009964
CGP-DSSPD-NR5-EXE1	STRING	3	243910	5975	112	0.58167	0.14252	0.0003	0.000502
	NonSpecific	10	243814	5968	208	0.52269	0.03791	0.00425	0.001673
	ChIP-Seq	96	240806	5882	3216	0.49653	0.01416	0.00385	0.016059
CGP-DSSPD-NR5-EXE2	STRING	2	243926	5959	113	0.58116	0.13798	-0.00091	0.000336
	NonSpecific	4	243825	5957	214	0.52242	0.03643	-0.00106	0.000671
	ChIP-Seq	87	240814	5874	3225	0.49663	0.01432	0.00184	0.014595
CGP-DSSPD-NR5-EXE3	STRING	3	243653	6232	112	0.58091	0.13585	0.00016	0.000481
	NonSpecific	7	243554	6228	211	0.52197	0.03432	0.00136	0.001123
	ChIP-Seq	79	240532	6156	3233	0.49605	0.01431	-0.00081	0.01267
CGP-DSSPD-NR5-EXE4	STRING	7	243594	6291	108	0.58066	0.1338	0.00488	0.001111
	NonSpecific	7	243491	6291	211	0.52143	0.03214	0.0013	0.001111
	ChIP-Seq	110	240500	6188	3202	0.49917	0.01487	0.00593	0.017466
CGP-DSSPD-NR5-EXE5	STRING	1	243852	6033	114	0.58053	0.13281	-0.00216	0.000166
	NonSpecific	0	243748	6034	218	0.521	0	-0.00465	0.0
	ChIP-Seq	78	240732	5956	3234	0.49917	0.01487	-0.00044	0.012927
CGP-DSSPD-NR10-EXE1	STRING	2	248611	1274	113	0.58028	0.13089	0.0037	0.001567
	NonSpecific	0	248506	1276	218	0.52063	0	-0.00212	0.0
	ChIP-Seq	22	245361	1327	3290	0.49958	0.01497	0.00197	0.016308
CGP-DSSPD-NR10-EXE2	STRING	0	248634	1251	115	0.58016	0	-0.00152	0.0
	NonSpecific	1	248532	1250	217	0.52253	0.03028	-0.00017	0.000799
	ChIP-Seq	12	245385	1303	3300	0.49881	0.01486	-0.00262	0.009125
CGP-DSSPD-NR10-EXE3	STRING	1	248722	1163	114	0.5799	0.12815	0.00127	0.000859
	NonSpecific	1	248619	1163	217	0.52226	0.02955	-3e-05	0.000859
	ChIP-Seq	10	245486	1202	3302	0.49816	0.01477	-0.00305	0.008251
CGP-DSSPD-NR10-EXE4	STRING	1	248748	1137	114	0.58384	0.12981	0.00132	0.000879
	NonSpecific	1	248645	1137	217	0.52196	0.02881	2e-05	0.000879
	ChIP-Seq	24	245525	1163	3288	0.49964	0.01499	0.00421	0.020219
CGP-DSSPD-NR10-EXE5	STRING	0	248670	1215	115	0.58346	0	-0.0015	0.0
	NonSpecific	1	248568	1214	217	0.52144	0.02771	-0.00012	0.000823
	ChIP-Seq	21	245429	1259	3291	0.50007	0.01505	0.00198	0.016406
CGP-KM-BKM-NR10-EXE1	STRING	0	248925	960	115	0.5822	0	-0.00133	0.0
	NonSpecific	1	248823	959	217	0.52092	0.02668	0.00036	0.001042
	ChIP-Seq	21	242871	3817	3291	0.49714	0.01472	-0.00849	0.005472
CGP-KM-BKM-NR10-EXE2	STRING	1	248771	1114	114	0.58187	0.11737	0.00136	0.000897
	NonSpecific	4	248671	1111	214	0.52061	0.02571	0.00616	0.003587
	ChIP-Seq	33	242558	4130	3279	0.49551	0.01457	-0.00606	0.007927
CGP-KM-BKM-NR10-EXE3	STRING	1	249096	789	114	0.58174	0.1167	0.00212	0.001266
	NonSpecific	2	248994	788	216	0.52056	0.02562	0.00317	0.002532
	ChIP-Seq	25	242437	4251	3287	0.49327	0.01435	-0.00854	0.005847
CGP-KM-BKM-NR10-EXE4	STRING	1	249208	677	114	0.5858	0.11921	0.00247	0.001475
	NonSpecific	1	249105	677	217	0.52044	0.02541	0.00106	0.001475
	ChIP-Seq	58	242765	3923	3254	0.49406	0.01448	0.00147	0.014569
CGP-KM-BKM-NR10-EXE5	STRING	1	249233	652	114	0.5858	0.11921	0.00256	0.001531
	NonSpecific	2	249131	651	216	0.52029	0.02515	0.0038	0.003063
	ChIP-Seq	34	243211	3477	3278	0.4939	0.01449	-0.00372	0.009684
CGP-KM-DSSPD-NR10-EXE1	STRING	1	248728	1157	114	0.58567	0.11855	0.00128	0.000864
	NonSpecific	0	248624	1158	218	0.51981	0	-0.00201	0.0
	ChIP-Seq	16	245317	1371	3296	0.49356	0.01446	-0.00112	0.011536
CGP-KM-DSSPD-NR10-EXE2	STRING	1	248786	1099	114	0.58542	0.11727	0.00139	0.000909
	NonSpecific	4	248686	1096	214	0.52171	0.02514	0.00623	0.003636
	ChIP-Seq	12	245321	1367	3300	0.49324	0.01445	-0.00296	0.008702
CGP-KM-DSSPD-NR10-EXE3	STRING	1	248629	1256	114	0.58529	0.11665	0.00111	0.000796
	NonSpecific	3	248528	1254	215	0.52598	0.02724	0.00365	0.002387
	ChIP-Seq	19	245199	1489	3293	0.49342	0.01449	-0.00044	0.012599
CGP-KM-DSSPD-NR10-EXE4	STRING	1	248746	1139	114	0.58516	0.11603	0.00132	0.000877
	NonSpecific	5	248647	1135	213	0.52541	0.02636	0.00806	0.004386
	ChIP-Seq	38	245367	1321	3274	0.49596	0.01477	0.00951	0.027962
CGP-KM-DSSPD-NR10-EXE5	STRING	2	248841	1044	113	0.58516	0.11603	0.00439	0.001912
	NonSpecific	1	248737	1045	217	0.52496	0.02573	0.00018	0.000956
	ChIP-Seq	6	245359	1329	3306	0.49476	0.01467	-0.00561	0.004494

Tabela 15: Tabular results for hESC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	126	819725	4118	4131	0.51209	0.04986	0.02464	0.029591
	NonSpecific	41	821273	3391	3395	0.5043	0.01354	0.00783	0.011912
	ChIP-Seq	20	819062	4512	4506	0.50005	0.0069	-0.00106	0.004399
GENIE3	STRING	46	819636	4207	4211	0.51365	0.04455	0.0057	0.010806
	NonSpecific	19	821246	3418	3417	0.50447	0.0105	0.00138	0.005522
	ChIP-Seq	39	819072	4502	4487	0.50165	0.00827	0.00314	0.008579
GRNBOOST2	STRING	75	819675	4168	4182	0.51462	0.04232	0.01258	0.017618
	NonSpecific	20	821251	3413	3416	0.50421	0.00951	0.00168	0.005812
	ChIP-Seq	36	819081	4493	4490	0.50263	0.00879	0.0025	0.007921
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	822938	905	4257	0.51367	0	-0.00238	0.0
	NonSpecific	0	823759	905	3436	0.50356	0	-0.00214	0.0
	ChIP-Seq	0	822669	905	4526	0.50202	0	-0.00245	0.0
CGP-DSSPD-NR5-EXE1	STRING	6	816904	6939	4251	0.51311	0.03274	-0.0055	0.000849
	NonSpecific	3	817722	6942	3433	0.50201	0.00701	-0.00532	0.000425
	ChIP-Seq	16	816645	6929	4510	0.50055	0.00709	-0.00394	0.002265
CGP-DSSPD-NR5-EXE2	STRING	3	815895	7948	4254	0.51214	0.02964	-0.00656	0.000371
	NonSpecific	2	816715	7949	3434	0.50064	0.00626	-0.00597	0.000247
	ChIP-Seq	14	815637	7937	4512	0.4992	0.00658	-0.00495	0.001729
CGP-DSSPD-NR5-EXE3	STRING	9	817129	6714	4248	0.5115	0.02762	-0.00481	0.001309
	NonSpecific	2	817943	6721	3434	0.49926	0.00577	-0.00542	0.000291
	ChIP-Seq	11	816862	6712	4515	0.49764	0.0062	-0.0047	0.001599
CGP-DSSPD-NR5-EXE4	STRING	4	817567	6276	4253	0.51069	0.02597	-0.00551	0.000624
	NonSpecific	1	818385	6279	3435	0.49779	0.00539	-0.00543	0.000156
	ChIP-Seq	13	817307	6267	4513	0.49656	0.00604	-0.00403	0.002027
CGP-DSSPD-NR5-EXE5	STRING	2	817066	6777	4255	0.50971	0.02454	-0.00616	0.00029
	NonSpecific	2	817887	6777	3434	0.49657	0.00516	-0.00545	0.00029
	ChIP-Seq	17	816812	6762	4509	0.49583	0.00599	-0.00364	0.002461
CGP-DSSPD-NR10-EXE1	STRING	0	822421	1422	4257	0.50941	0	-0.00298	0.0
	NonSpecific	0	823242	1422	3436	0.49599	0	-0.00268	0.0
	ChIP-Seq	2	822154	1420	4524	0.49541	0.00594	-0.00228	0.001379
CGP-DSSPD-NR10-EXE2	STRING	3	822396	1447	4254	0.50924	0.02383	-0.0018	0.002046
	NonSpecific	1	823215	1449	3435	0.49535	0.00496	-0.00225	0.000682
	ChIP-Seq	10	822134	1440	4516	0.49575	0.00604	0.00081	0.006821
CGP-DSSPD-NR10-EXE3	STRING	2	822534	1309	4255	0.50914	0.02361	-0.00201	0.001503
	NonSpecific	0	823353	1311	3436	0.49481	0	-0.00257	0.0
	ChIP-Seq	4	822267	1307	4522	0.49541	0.006	-0.0013	0.003005
CGP-DSSPD-NR10-EXE4	STRING	6	820208	3635	4251	0.50899	0.02314	-0.00325	0.001609
	NonSpecific	1	821024	3640	3435	0.49349	0.00473	-0.00401	0.000268
	ChIP-Seq	10	819943	3631	4516	0.49468	0.00595	-0.00245	0.002682
CGP-DSSPD-NR10-EXE5	STRING	2	822522	1321	4255	0.50883	0.02295	-0.00203	0.001462
	NonSpecific	0	823341	1323	3436	0.49298	0	-0.00258	0.0
	ChIP-Seq	5	822256	1318	4521	0.49446	0.00594	-0.00092	0.003655
CGP-KM-BKM-NR10-EXE1	STRING	2	818659	5184	4255	0.50793	0.02211	-0.00528	0.00038
	NonSpecific	0	819478	5186	3436	0.49147	0	-0.00512	0.0
	ChIP-Seq	13	818400	5174	4514	0.49319	0.00585	-0.00319	0.002468
CGP-KM-BKM-NR10-EXE2	STRING	1	821651	2192	4256	0.50749	0.02175	-0.00338	0.00045
	NonSpecific	0	822471	2193	3436	0.49068	0	-0.00333	0.0
	ChIP-Seq	13	821393	2181	4514	0.4931	0.00586	0.00032	0.005848
CGP-KM-BKM-NR10-EXE3	STRING	2	818718	5125	4255	0.50678	0.02118	-0.00524	0.000384
	NonSpecific	0	819537	5127	3436	0.48947	0	-0.00509	0.0
	ChIP-Seq	12	818459	5115	4514	0.49198	0.00578	-0.00334	0.002301
CGP-KM-BKM-NR10-EXE4	STRING	3	819272	4571	4254	0.50633	0.02084	-0.00467	0.000645
	NonSpecific	0	821014	3650	3436	0.48821	0	-0.0043	0.0
	ChIP-Seq	20	819020	4554	4506	0.49139	0.00577	-0.00111	0.004297
CGP-KM-BKM-NR10-EXE5	STRING	2	820236	3607	4255	0.50563	0.02041	-0.00424	0.000547
	NonSpecific	0	821055	3609	3436	0.48701	0	-0.00427	0.0
	ChIP-Seq	8	819973	3601	4518	0.4906	0.00573	-0.00292	0.002188
CGP-KM-DSSPD-NR10-EXE1	STRING	0	822420	1423	4257	0.50538	0	-0.00298	0.0
	NonSpecific	0	823241	1423	3436	0.4865	0	-0.00268	0.0
	ChIP-Seq	6	822157	1417	4520	0.4903	0.00571	-0.0007	0.004049
CGP-KM-DSSPD-NR10-EXE2	STRING	0	822391	1452	4257	0.5051	0	-0.00301	0.0
	NonSpecific	1	823213	1451	3435	0.48611	0.00421	-0.00226	0.000673
	ChIP-Seq	6	822128	1446	4520	0.48999	0.0057	-0.00076	0.004038
CGP-KM-DSSPD-NR10-EXE3	STRING	0	822371	1472	4257	0.50486	0	-0.00303	0.0
	NonSpecific	0	823192	1472	3436	0.48558	0	-0.00272	0.0
	ChIP-Seq	4	822106	1468	4522	0.48968	0.00568	-0.00157	0.002647
CGP-KM-DSSPD-NR10-EXE4	STRING	0	822419	1424	4257	0.50464	0	-0.00298	0.0
	NonSpecific	0	823240	1424	3436	0.48515	0	-0.00268	0.0
	ChIP-Seq	6	822156	1418	4520	0.48941	0.00567	-0.00071	0.004098
CGP-KM-DSSPD-NR10-EXE5	STRING	1	822232	1611	4256	0.50451	0.0198	-0.00279	0.000607
	NonSpecific	0	823052	1612	3436	0.48461	0	-0.00285	0.0
	ChIP-Seq	3	821965	1609	4523	0.48893	0.00564	-0.00216	0.001821



Tabela 16: Tabular results for hHep problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	281	884005	7177	7241	0.51369	0.04093	0.02943	0.037347
	NonSpecific	52	890548	4038	4066	0.50407	0.01135	0.00814	0.012591
	ChIP-Seq	152	879163	9698	9691	0.50254	0.01609	0.00453	0.015292
GENIE3	STRING	132	883799	7383	7390	0.51309	0.03288	0.00927	0.017546
	NonSpecific	25	890484	4102	4093	0.50381	0.00905	0.00148	0.006055
	ChIP-Seq	71	879005	9856	9772	0.50034	0.01322	-0.00386	0.007141
GRNBOOST2	STRING	134	883838	7344	7388	0.51397	0.03118	0.0096	0.017812
	NonSpecific	28	890501	4085	4090	0.5037	0.00846	0.00223	0.006781
	ChIP-Seq	78	879072	9789	9765	0.49999	0.01286	-0.00309	0.007848
SINCERITIES	STRING	66	883873	7309	7456	0.51444	0.02759	0.00058	0.008773
	NonSpecific	14	890541	4045	4104	0.5033	0.0075	-0.00113	0.003391
	ChIP-Seq	158	879282	9579	9687	0.50272	0.01404	0.0053	0.015897
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	136	876595	14587	7386	0.51438	0.02542	0.00123	0.009102
	NonSpecific	71	879934	14652	4047	0.504	0.00736	0.00046	0.004752
	ChIP-Seq	161	874298	14563	9683	0.50317	0.01387	-2e-05	0.010776
CGP-DSSPD-NR5-EXE2	STRING	133	876395	14787	7389	0.51434	0.02414	0.00078	0.008784
	NonSpecific	76	879742	14844	4042	0.50384	0.00707	0.00098	0.005019
	ChIP-Seq	174	874113	14748	9671	0.50336	0.01372	0.00088	0.011491
CGP-DSSPD-NR5-EXE3	STRING	122	876939	14243	7400	0.51418	0.0233	0.00017	0.008368
	NonSpecific	42	880263	14323	4076	0.50361	0.00686	-0.00313	0.002881
	ChIP-Seq	182	874677	14184	9662	0.5039	0.0137	0.0021	0.012484
CGP-DSSPD-NR5-EXE4	STRING	130	876266	14916	7392	0.51451	0.02285	0.00039	0.008513
	NonSpecific	60	879599	14987	4059	0.50334	0.0067	-0.00115	0.003929
	ChIP-Seq	139	873953	14908	9705	0.50286	0.01339	-0.00215	0.009103
CGP-DSSPD-NR5-EXE5	STRING	117	876301	14881	7405	0.51385	0.02226	-0.00081	0.007697
	NonSpecific	77	879664	14922	4042	0.5032	0.00661	0.00106	0.005066
	ChIP-Seq	172	874034	14827	9672	0.50318	0.01339	0.00064	0.011316
CGP-DSSPD-NR10-EXE1	STRING	84	882194	8988	7438	0.51437	0.02204	0.00099	0.009102
	NonSpecific	46	885559	9027	4073	0.50307	0.00653	0.00073	0.004984
	ChIP-Seq	123	877106	11755	9722	0.50309	0.01334	-0.00067	0.010196
CGP-DSSPD-NR10-EXE2	STRING	56	885011	6171	7466	0.51434	0.02172	0.00057	0.00888
	NonSpecific	28	888430	6156	4090	0.50282	0.00644	-7e-05	0.004471
	ChIP-Seq	97	882730	6131	9747	0.5044	0.01352	0.00371	0.015382
CGP-DSSPD-NR10-EXE3	STRING	83	882554	8628	7439	0.51471	0.02151	0.00126	0.009363
	NonSpecific	35	888687	5899	4083	0.5035	0.00651	0.00159	0.005798
	ChIP-Seq	92	880241	8620	9752	0.50382	0.01339	-0.00037	0.010378
CGP-DSSPD-NR10-EXE4	STRING	84	882190	8992	7438	0.51489	0.02135	0.00098	0.009106
	NonSpecific	29	888515	6071	4089	0.50415	0.00655	0.00021	0.004683
	ChIP-Seq	91	876972	11889	9754	0.50301	0.01326	-0.00375	0.00749
CGP-DSSPD-NR10-EXE5	STRING	50	885427	5755	7472	0.51475	0.02117	0.00021	0.00848
	NonSpecific	37	888818	5768	4081	0.50514	0.00665	0.00214	0.006275
	ChIP-Seq	83	883139	5722	9760	0.50363	0.01332	0.00259	0.014077
CGP-KM-BKM-NR10-EXE1	STRING	131	881915	9267	7391	0.51653	0.0213	0.00628	0.013745
	NonSpecific	11	890197	4389	4107	0.50413	0.00649	-0.00216	0.002465
	ChIP-Seq	146	879609	9252	9697	0.50531	0.01345	0.00453	0.015318
CGP-KM-BKM-NR10-EXE2	STRING	95	882902	8280	7427	0.51813	0.02156	0.00317	0.011068
	NonSpecific	34	889343	5243	4084	0.50586	0.00668	0.00212	0.006314
	ChIP-Seq	46	880532	8329	9797	0.50344	0.01322	-0.00509	0.005359
CGP-KM-BKM-NR10-EXE3	STRING	123	883173	8009	7399	0.51915	0.02157	0.00709	0.014905
	NonSpecific	9	889443	5143	4109	0.50497	0.00657	-0.00319	0.001707
	ChIP-Seq	90	877680	11181	9753	0.50217	0.01305	-0.00321	0.007837
CGP-KM-BKM-NR10-EXE4	STRING	81	883748	7434	7441	0.52007	0.02161	0.00243	0.010566
	NonSpecific	33	887104	7482	4085	0.50655	0.00671	-0.00026	0.004305
	ChIP-Seq	102	878075	10786	9742	0.50136	0.01297	-0.00169	0.009167
CGP-KM-BKM-NR10-EXE5	STRING	108	880403	10779	7414	0.52037	0.02155	0.00188	0.009748
	NonSpecific	33	888577	6009	4085	0.50727	0.00673	0.00107	0.005398
	ChIP-Seq	105	878079	10782	9738	0.50067	0.01289	-0.00139	0.009477
CGP-KM-DSSPD-NR10-EXE1	STRING	109	883739	7443	7413	0.52157	0.02162	0.00613	0.014187
	NonSpecific	39	889661	4925	4079	0.50689	0.00665	0.00361	0.007744
	ChIP-Seq	124	881433	7428	9719	0.50191	0.01298	0.00484	0.01614
CGP-KM-DSSPD-NR10-EXE2	STRING	122	882664	8518	7400	0.52307	0.02172	0.00622	0.013837
	NonSpecific	28	889360	5226	4090	0.50725	0.00665	0.00085	0.005207
	ChIP-Seq	109	880330	8531	9734	0.50223	0.01297	0.00158	0.012362
CGP-KM-DSSPD-NR10-EXE3	STRING	135	881922	9260	7387	0.52477	0.02185	0.00677	0.014187
	NonSpecific	17	889193	5393	4101	0.50689	0.00659	-0.00166	0.0031
	ChIP-Seq	104	879569	9292	9740	0.50124	0.01286	0.00011	0.010929
CGP-KM-DSSPD-NR10-EXE4	STRING	54	887491	3691	7468	0.52524	0.0218	0.0043	0.014324
	NonSpecific	41	890882	3704	4077	0.50912	0.00673	0.0061	0.010875
	ChIP-Seq	37	885153	3708	9806	0.50089	0.01283	-0.00067	0.009814
CGP-KM-DSSPD-NR10-EXE5	STRING	91	885093	6089	7431	0.52664	0.02194	0.00581	0.014392
	NonSpecific	21	889281	5305	4097	0.5094	0.00674	-0.00073	0.00384
	ChIP-Seq	67	882747	6114	9777	0.50056	0.01279	-9e-05	0.010596

Tabela 17: Tabular results for mDC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	141	664551	4675	4674	0.51004	0.04911	0.0223	0.029277
	NonSpecific	70	667976	2998	2997	0.50928	0.02524	0.01835	0.022816
	ChIP-Seq	2	672531	754	754	0.50067	0.00573	0.00153	0.002646
GENIE3	STRING	63	664474	4752	4752	0.5087	0.03522	0.00598	0.013084
	NonSpecific	30	667937	3037	3037	0.50937	0.01803	0.00526	0.009782
	ChIP-Seq	1	672529	756	755	0.50017	0.00405	0.0002	0.001321
GRNBOOST2	STRING	60	664471	4755	4755	0.50836	0.0311	0.00536	0.012461
	NonSpecific	19	667926	3048	3048	0.50888	0.0153	0.00165	0.006195
	ChIP-Seq	1	672530	755	755	0.49993	0.00367	0.0002	0.001323
SINCERITIES	STRING	36	664669	4557	4779	0.5085	0.02814	0.00068	0.007477
	NonSpecific	8	668069	2905	3059	0.50788	0.01204	-0.00177	0.002608
	ChIP-Seq	0	672568	717	756	0.49928	0	-0.00109	0.0
PPCOR	STRING	0	668405	821	4815	0.50747	0	-0.00296	0.0
	NonSpecific	0	670153	821	3067	0.50711	0	-0.00236	0.0
	ChIP-Seq	0	672464	821	756	0.49824	0	-0.00117	0.0
CGP-DSSPD-NR5-EXE1	STRING	97	654151	15075	4718	0.50678	0.02512	-0.00135	0.006393
	NonSpecific	50	655852	15122	3017	0.50651	0.01011	-0.00283	0.003296
	ChIP-Seq	12	658125	15160	744	0.49767	0.00257	-0.0015	0.000791
CGP-DSSPD-NR5-EXE2	STRING	108	653835	15391	4707	0.50753	0.02486	-0.00032	0.006968
	NonSpecific	69	655544	15430	2998	0.50808	0.01015	-0.00022	0.004452
	ChIP-Seq	12	657798	15487	744	0.49776	0.00277	-0.00159	0.000774
CGP-DSSPD-NR5-EXE3	STRING	102	653423	15803	4713	0.50698	0.02416	-0.00135	0.006413
	NonSpecific	71	655140	15834	2996	0.50859	0.00992	-0.0002	0.004464
	ChIP-Seq	16	657396	15889	740	0.49912	0.00342	-0.00054	0.001006
CGP-DSSPD-NR5-EXE4	STRING	94	653191	16035	4721	0.5061	0.02351	-0.00245	0.005828
	NonSpecific	68	654913	16061	2999	0.50856	0.00966	-0.00078	0.004216
	ChIP-Seq	23	657179	16106	733	0.49858	0.00327	0.00142	0.001426
CGP-DSSPD-NR5-EXE5	STRING	104	653926	15300	4711	0.50583	0.02324	-0.00071	0.006751
	NonSpecific	60	655630	15344	3007	0.50838	0.00943	-0.00149	0.003895
	ChIP-Seq	14	657895	15390	742	0.49872	0.00336	-0.00097	0.000909
CGP-DSSPD-NR10-EXE1	STRING	20	666167	3059	4795	0.50566	0.02304	-0.00052	0.006496
	NonSpecific	18	667913	3061	3049	0.50905	0.0094	0.0013	0.005846
	ChIP-Seq	9	670299	2986	747	0.49959	0.00365	0.00376	0.003005
CGP-DSSPD-NR10-EXE2	STRING	19	666080	3146	4796	0.50533	0.02284	-0.00093	0.006003
	NonSpecific	25	667910	3064	3042	0.51069	0.00956	0.00357	0.008093
	ChIP-Seq	3	670199	3086	753	0.49981	0.00372	-0.0003	0.000971
CGP-DSSPD-NR10-EXE3	STRING	22	665932	3294	4793	0.50516	0.02272	-0.00042	0.006634
	NonSpecific	11	667808	3166	3056	0.50997	0.00929	-0.00111	0.003462
	ChIP-Seq	3	670111	3174	753	0.49927	0.00358	-0.00036	0.000944
CGP-DSSPD-NR10-EXE4	STRING	47	662987	6239	4768	0.50536	0.02269	0.00038	0.007477
	NonSpecific	14	667858	3116	3053	0.50957	0.00912	-8e-05	0.004473
	ChIP-Seq	4	670159	3126	752	0.49876	0.00347	0.00032	0.001278
CGP-DSSPD-NR10-EXE5	STRING	26	666259	2967	4789	0.50591	0.02283	0.00122	0.008687
	NonSpecific	7	667988	2986	3060	0.50864	0.00891	-0.00219	0.002339
	ChIP-Seq	4	670353	2932	752	0.49827	0.00337	0.00048	0.001362
CGP-KM-BKM-NR10-EXE1	STRING	170	663282	5944	4645	0.5173	0.02543	0.02347	0.027805
	NonSpecific	81	666656	4318	2986	0.51423	0.00953	0.0167	0.018413
	ChIP-Seq	2	671752	1533	754	0.49915	0.00358	0.00026	0.001303
CGP-KM-BKM-NR10-EXE2	STRING	145	662923	6303	4670	0.52422	0.02677	0.01791	0.022488
	NonSpecific	82	664608	6366	2985	0.51696	0.00983	0.01193	0.012717
	ChIP-Seq	0	672168	1117	756	0.49875	0	-0.00136	0.0
CGP-KM-BKM-NR10-EXE3	STRING	95	664499	4727	4720	0.52559	0.02661	0.01266	0.019701
	NonSpecific	65	666331	4643	3002	0.51921	0.00999	0.01154	0.013806
	ChIP-Seq	1	670852	2433	755	0.49889	0.00355	-0.00128	0.000411
CGP-KM-BKM-NR10-EXE4	STRING	121	662992	6234	4694	0.52606	0.02643	0.01378	0.01904
	NonSpecific	29	667041	3933	3038	0.51834	0.00983	0.00316	0.00732
	ChIP-Seq	0	670809	2476	756	0.49864	0	-0.00203	0.0
CGP-KM-BKM-NR10-EXE5	STRING	194	659512	9714	4621	0.52831	0.02658	0.01804	0.01958
	NonSpecific	169	661235	9739	2898	0.52012	0.00993	0.0227	0.017057
	ChIP-Seq	0	671712	1573	756	0.4985	0	-0.00162	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	31	666309	2917	4784	0.5287	0.02654	0.00265	0.010516
	NonSpecific	15	668041	2933	3052	0.52013	0.00987	0.00053	0.005088
	ChIP-Seq	1	670767	2518	755	0.49863	0.00352	-0.00133	0.000397
CGP-KM-DSSPD-NR10-EXE2	STRING	26	665035	4191	4789	0.52939	0.02656	-0.00092	0.006166
	NonSpecific	22	666779	4195	3045	0.52181	0.00999	0.00079	0.005217
	ChIP-Seq	0	672025	1260	756	0.49808	0	-0.00145	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	34	665139	4087	4781	0.53054	0.02669	0.00103	0.00825
	NonSpecific	23	666876	4098	3044	0.52315	0.01007	0.0012	0.005581
	ChIP-Seq	1	672035	1250	755	0.49831	0.00349	-0.00042	0.000799
CGP-KM-DSSPD-NR10-EXE4	STRING	24	666308	2918	4791	0.53095	0.02665	0.0008	0.008158
	NonSpecific	15	668047	2927	3052	0.52316	0.01001	0.00054	0.005099
	ChIP-Seq	1	670786	2499	755	0.49851	0.00354	-0.00131	0.0004
CGP-KM-DSSPD-NR10-EXE5	STRING	19	666615	2611	4796	0.53106	0.0266	6e-05	0.007224
	NonSpecific	13	668357	2617	3054	0.52299	0.00996	0.00036	0.004943
	ChIP-Seq	1	670966	2319	755	0.4986	0.00356	-0.00121	0.000431

Tabela 18: Tabular results for mESC problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	293	1239169	7469	7469	0.51591	0.06549	0.03176	0.037748
	NonSpecific	132	1240745	6762	6761	0.50724	0.02195	0.01373	0.019147
	ChIP-Seq	899	1196072	28715	28714	0.50315	0.035	0.00691	0.030357
GENIE3	STRING	167	1239043	7595	7595	0.51759	0.05254	0.01542	0.021515
	NonSpecific	96	1240709	6798	6797	0.50793	0.01649	0.00848	0.013925
	ChIP-Seq	1032	1196204	28583	28581	0.5051	0.03469	0.01151	0.034847
GRNBOOST2	STRING	195	1239071	7567	7567	0.51874	0.04986	0.01905	0.025122
	NonSpecific	103	1240717	6790	6790	0.50798	0.01534	0.0095	0.014943
	ChIP-Seq	1040	1196214	28573	28573	0.5065	0.0352	0.01179	0.03512
SINCERITIES	STRING	93	1239066	7572	7669	0.5209	0.04142	0.00594	0.011981
	NonSpecific	51	1240752	6755	6842	0.50845	0.01341	0.002	0.007399
	ChIP-Seq	696	1196476	28311	28917	0.50588	0.03381	0.00039	0.023503
PPCOR	STRING	0	1245518	1120	7762	0.52013	0	-0.00236	0.0
	NonSpecific	0	1246387	1120	6893	0.5079	0	-0.00222	0.0
	ChIP-Seq	0	1223667	1120	29613	0.50537	0	-0.00465	0.0
CGP-DSSPD-NR5-EXE1	STRING	129	1226318	20320	7633	0.52064	0.03618	0.0002	0.006308
	NonSpecific	121	1227179	20328	6772	0.50914	0.01253	0.00073	0.005917
	ChIP-Seq	526	1204864	19923	29087	0.50593	0.03344	0.00179	0.025723
CGP-DSSPD-NR5-EXE2	STRING	140	1226237	20401	7622	0.52101	0.03401	0.00103	0.006816
	NonSpecific	128	1227094	20413	6765	0.51026	0.01228	0.00128	0.006231
	ChIP-Seq	508	1204754	20033	29105	0.50612	0.03324	0.00096	0.024731
CGP-DSSPD-NR5-EXE3	STRING	132	1226284	20354	7630	0.52088	0.03238	0.00042	0.006443
	NonSpecific	142	1227163	20344	6751	0.51054	0.0119	0.0025	0.006932
	ChIP-Seq	465	1204766	20021	29148	0.50588	0.03301	-0.00077	0.022698
CGP-DSSPD-NR5-EXE4	STRING	153	1226571	20067	7609	0.52118	0.03141	0.00225	0.007567
	NonSpecific	104	1227391	20116	6789	0.51084	0.01165	-0.00061	0.005143
	ChIP-Seq	497	1205064	19723	29116	0.50616	0.03295	0.00082	0.02458
CGP-DSSPD-NR5-EXE5	STRING	137	1225936	20702	7625	0.52125	0.03064	0.00064	0.006574
	NonSpecific	115	1226783	20724	6778	0.51037	0.01132	4e-05	0.005518
	ChIP-Seq	465	1204413	20374	29148	0.50588	0.0328	-0.00111	0.022314
CGP-DSSPD-NR10-EXE1	STRING	80	1234337	12301	7682	0.52153	0.02993	0.00035	0.006462
	NonSpecific	55	1235181	12326	6838	0.50993	0.01099	-0.00142	0.004442
	ChIP-Seq	259	1212624	12163	29354	0.50544	0.03261	-0.00182	0.02085
CGP-DSSPD-NR10-EXE2	STRING	48	1238552	8086	7714	0.5216	0.02938	-0.0003	0.005901
	NonSpecific	49	1239422	8085	6844	0.50979	0.01079	0.00058	0.006024
	ChIP-Seq	404	1205102	19685	29209	0.50451	0.03237	-0.00294	0.020111
CGP-DSSPD-NR10-EXE3	STRING	55	1238320	8318	7707	0.52188	0.0289	0.0004	0.006569
	NonSpecific	58	1239192	8315	6835	0.5107	0.0108	0.00159	0.006927
	ChIP-Seq	185	1216599	8188	29428	0.50409	0.03223	-0.00082	0.022095
CGP-DSSPD-NR10-EXE4	STRING	41	1238252	8386	7721	0.52153	0.02836	-0.00139	0.004865
	NonSpecific	47	1239127	8380	6846	0.51078	0.01069	9e-05	0.005577
	ChIP-Seq	406	1208615	16172	29207	0.50422	0.03221	0.00067	0.02449
CGP-DSSPD-NR10-EXE5	STRING	73	1234458	12180	7689	0.52129	0.02793	-0.00029	0.005958
	NonSpecific	61	1235315	12192	6832	0.51052	0.01056	-0.00069	0.004978
	ChIP-Seq	266	1212800	11987	29347	0.50383	0.03211	-0.00124	0.021709
CGP-KM-BKM-NR10-EXE1	STRING	44	1237324	9314	7718	0.52131	0.02776	-0.00164	0.004702
	NonSpecific	35	1240535	6972	6858	0.5104	0.01046	-0.00051	0.004995
	ChIP-Seq	255	1205993	18794	29358	0.50155	0.03173	-0.00836	0.013387
CGP-KM-BKM-NR10-EXE2	STRING	40	1235570	11068	7722	0.52014	0.02716	-0.00312	0.003601
	NonSpecific	43	1236442	11065	6850	0.50952	0.01026	-0.00208	0.003871
	ChIP-Seq	358	1212811	11976	29255	0.50266	0.03191	0.00356	0.029025
CGP-KM-BKM-NR10-EXE3	STRING	60	1235011	11627	7702	0.52064	0.02714	-0.0013	0.005134
	NonSpecific	74	1235894	11613	6819	0.51008	0.01028	0.0011	0.006332
	ChIP-Seq	336	1209981	14806	29277	0.50261	0.0319	-0.00103	0.02219
CGP-KM-BKM-NR10-EXE4	STRING	58	1235359	11279	7704	0.52023	0.02683	-0.0013	0.005116
	NonSpecific	66	1236236	11271	6827	0.51059	0.01027	0.00042	0.005822
	ChIP-Seq	445	1201696	23091	29168	0.50103	0.03161	-0.00428	0.018907
CGP-KM-BKM-NR10-EXE5	STRING	54	1237723	8915	7708	0.52097	0.02689	-0.00018	0.006021
	NonSpecific	58	1238596	8911	6835	0.51131	0.01032	0.00112	0.006467
	ChIP-Seq	213	1211852	12935	29400	0.49982	0.03142	-0.00502	0.0162
CGP-KM-DSSPD-NR10-EXE1	STRING	33	1239816	6822	7729	0.52046	0.02664	-0.0013	0.004814
	NonSpecific	49	1240701	6806	6844	0.51204	0.01035	0.00166	0.007148
	ChIP-Seq	169	1218101	6686	29444	0.49961	0.03139	0.00051	0.024654
CGP-KM-DSSPD-NR10-EXE2	STRING	21	1243001	3637	7741	0.52042	0.02659	-0.00031	0.005741
	NonSpecific	20	1243869	3638	6873	0.51209	0.01033	-2e-05	0.005467
	ChIP-Seq	73	1221202	3585	29540	0.49937	0.03136	-0.0013	0.019956
CGP-KM-DSSPD-NR10-EXE3	STRING	23	1242950	3688	7739	0.52045	0.02651	1e-05	0.006198
	NonSpecific	24	1243820	3687	6869	0.51231	0.01033	0.00072	0.006467
	ChIP-Seq	104	1221180	3607	29509	0.49953	0.0314	0.00159	0.028025
CGP-KM-DSSPD-NR10-EXE4	STRING	21	1242827	3811	7741	0.52045	0.02649	-0.0005	0.00548
	NonSpecific	22	1243697	3810	6871	0.51231	0.01032	0.00018	0.005741
	ChIP-Seq	92	1221047	3740	29521	0.4996	0.03141	0.00015	0.024008
CGP-KM-DSSPD-NR10-EXE5	STRING	21	1242756	3882	7741	0.52025	0.0264	-0.00057	0.00538
	NonSpecific	24	1243628	3879	6869	0.5123	0.01029	0.00049	0.006149
	ChIP-Seq	86	1220970	3817	29527	0.49951	0.03139	-0.00058	0.022034

Tabela 19: Tabular results for mHSC-E problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	82	492955	1290	1289	0.52672	0.08131	0.05718	0.059767
	NonSpecific	53	492818	1373	1372	0.51666	0.03963	0.0344	0.037167
	ChIP-Seq	205	472706	11353	11352	0.49727	0.022	-0.00571	0.017737
GENIE3	STRING	53	492927	1318	1318	0.53013	0.06921	0.03599	0.038658
	NonSpecific	44	492810	1381	1381	0.5209	0.03185	0.02808	0.030877
	ChIP-Seq	35	472534	11525	11522	0.49055	0.01834	-0.02078	0.003028
GRNBOOST2	STRING	55	492929	1316	1316	0.53231	0.07056	0.03745	0.040117
	NonSpecific	43	492809	1382	1382	0.52119	0.03257	0.02738	0.030175
	ChIP-Seq	72	472574	11485	11485	0.48842	0.01803	-0.0175	0.00623
SINCERITIES	STRING	0	492877	1368	1371	0.53171	0	-0.00277	0.0
	NonSpecific	1	492771	1420	1424	0.52014	0.02595	-0.00217	0.000702
	ChIP-Seq	175	472746	11313	11382	0.48485	0.01877	-0.00825	0.015142
PPCOR	STRING	12	492885	1360	1359	0.53156	0.04982	0.006	0.008746
	NonSpecific	8	492773	1418	1417	0.51941	0.01957	0.00274	0.00561
	ChIP-Seq	146	477103	6956	11411	0.48454	0.01918	-0.00221	0.020558
CGP-DSSPD-NR5-EXE1	STRING	25	484868	9377	1346	0.53163	0.0456	-0.00028	0.002659
	NonSpecific	24	484813	9378	1401	0.5208	0.01852	-0.00084	0.002553
	ChIP-Seq	235	474892	9167	11322	0.48545	0.02021	0.00154	0.024995
CGP-DSSPD-NR5-EXE2	STRING	32	481231	13014	1339	0.53158	0.04231	-0.00098	0.002453
	NonSpecific	43	481188	13003	1382	0.52107	0.01731	0.00129	0.003296
	ChIP-Seq	355	471368	12691	11202	0.48768	0.02123	0.00424	0.027211
CGP-DSSPD-NR5-EXE3	STRING	18	485015	9230	1353	0.53114	0.04009	-0.00215	0.001946
	NonSpecific	25	484968	9223	1400	0.5204	0.0162	-0.00044	0.002703
	ChIP-Seq	215	475026	9033	11342	0.48791	0.02151	-6e-05	0.023248
CGP-DSSPD-NR5-EXE4	STRING	39	483524	10721	1332	0.53113	0.03848	0.00243	0.003625
	NonSpecific	36	483467	10724	1389	0.52109	0.01574	0.00131	0.003346
	ChIP-Seq	240	473539	10520	11317	0.48718	0.02158	-0.001	0.022305
CGP-DSSPD-NR5-EXE5	STRING	32	482248	11997	1339	0.53031	0.03672	-0.00032	0.00266
	NonSpecific	30	482192	11999	1395	0.52083	0.01516	-0.00112	0.002494
	ChIP-Seq	265	472295	11764	11292	0.48683	0.02168	-0.00135	0.02203
CGP-DSSPD-NR10-EXE1	STRING	2	491451	2794	1369	0.5296	0.03501	-0.00294	0.000715
	NonSpecific	7	491402	2789	1418	0.52065	0.01472	-0.00052	0.002504
	ChIP-Seq	112	478804	5255	11445	0.48603	0.02165	-0.0017	0.020868
CGP-DSSPD-NR10-EXE2	STRING	3	491502	2743	1368	0.52917	0.034	-0.00238	0.001092
	NonSpecific	6	491451	2740	1419	0.52042	0.01433	-0.00096	0.002185
	ChIP-Seq	158	478683	5376	11399	0.48747	0.022	0.00368	0.028551
CGP-DSSPD-NR10-EXE3	STRING	4	491613	2632	1367	0.52911	0.03325	-0.00174	0.001517
	NonSpecific	8	491563	2628	1417	0.51993	0.01396	0.00022	0.003035
	ChIP-Seq	120	478942	5117	11437	0.48765	0.02209	-0.00028	0.022914
CGP-DSSPD-NR10-EXE4	STRING	8	491742	2503	1363	0.52927	0.0326	0.00057	0.003186
	NonSpecific	8	491688	2503	1417	0.52	0.01372	0.00041	0.003186
	ChIP-Seq	134	476423	7636	11423	0.48627	0.02201	-0.00508	0.017246
CGP-DSSPD-NR10-EXE5	STRING	7	491454	2791	1364	0.52814	0.03143	-0.00038	0.002502
	NonSpecific	8	491401	2790	1417	0.51978	0.01347	-2e-05	0.002859
	ChIP-Seq	178	475643	8416	11379	0.48547	0.02197	-0.00229	0.020712
CGP-KM-BKM-NR10-EXE1	STRING	9	492846	1399	1362	0.52864	0.03165	0.00368	0.006392
	NonSpecific	7	492743	1448	1418	0.52007	0.01334	0.00196	0.004811
	ChIP-Seq	90	478052	6007	11467	0.48317	0.02176	-0.00633	0.014761
CGP-KM-BKM-NR10-EXE2	STRING	14	491570	2675	1357	0.52937	0.03164	0.00343	0.005206
	NonSpecific	11	491513	2678	1414	0.51953	0.01308	0.00168	0.004091
	ChIP-Seq	61	481239	2820	11496	0.48347	0.02183	-0.00109	0.021173
CGP-KM-BKM-NR10-EXE3	STRING	10	492218	2027	1361	0.52937	0.0314	0.00262	0.004909
	NonSpecific	4	492158	2033	1421	0.51867	0.01284	-0.00109	0.001964
	ChIP-Seq	138	478162	5897	11419	0.48336	0.02185	-0.00033	0.022867
CGP-KM-BKM-NR10-EXE4	STRING	8	492373	1872	1363	0.52932	0.03114	0.00175	0.004255
	NonSpecific	9	492320	1871	1416	0.51954	0.0129	0.0022	0.004787
	ChIP-Seq	137	478776	5283	11420	0.48402	0.02197	0.00136	0.025277
CGP-KM-BKM-NR10-EXE5	STRING	7	492242	2003	1364	0.52911	0.03077	0.00087	0.003483
	NonSpecific	7	492188	2003	1418	0.51971	0.01282	0.00072	0.003483
	ChIP-Seq	171	476808	7251	11386	0.48362	0.02195	-0.00023	0.02304
CGP-KM-DSSPD-NR10-EXE1	STRING	9	491959	2286	1362	0.529	0.03048	0.0015	0.003922
	NonSpecific	10	491906	2285	1415	0.5206	0.01289	0.00189	0.004357
	ChIP-Seq	86	479969	4090	11471	0.4835	0.02199	-0.00166	0.020594
CGP-KM-DSSPD-NR10-EXE2	STRING	8	492516	1729	1363	0.53002	0.03062	0.00208	0.004606
	NonSpecific	6	492460	1731	1419	0.52044	0.01277	0.00064	0.003454
	ChIP-Seq	62	482220	1839	11495	0.48447	0.02212	0.00382	0.032614
CGP-KM-DSSPD-NR10-EXE3	STRING	3	491930	2315	1368	0.52956	0.0302	-0.00192	0.001294
	NonSpecific	5	491878	2313	1420	0.521	0.0128	-0.00092	0.002157
	ChIP-Seq	64	478254	5805	11493	0.48254	0.022	-0.00901	0.010905
CGP-KM-DSSPD-NR10-EXE4	STRING	2	491781	2464	1369	0.52844	0.02967	-0.00263	0.000811
	NonSpecific	8	491733	2458	1417	0.52054	0.01266	0.00049	0.003244
	ChIP-Seq	41	479805	4254	11516	0.48071	0.02185	-0.00853	0.009546
CGP-KM-DSSPD-NR10-EXE5	STRING	5	491993	2252	1366	0.52851	0.02943	-0.00071	0.002215
	NonSpecific	4	491938	2253	1421	0.52052	0.01259	-0.00139	0.001772
	ChIP-Seq	53	478487	5572	11504	0.47817	0.02164	-0.00987	0.009422

Tabela 20: Tabular results for mHSC-GM problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	53	397981	695	695	0.53288	0.11781	0.06911	0.070856
	NonSpecific	30	397970	712	712	0.51884	0.06319	0.03864	0.040431
	ChIP-Seq	101	384797	7263	7263	0.49754	0.01707	-0.00481	0.013715
GENIE3	STRING	54	397982	694	694	0.54231	0.10488	0.07045	0.072193
	NonSpecific	29	397969	713	713	0.52305	0.05572	0.0373	0.039084
	ChIP-Seq	73	384767	7293	7291	0.49524	0.01598	-0.00869	0.00991
GRNBOOST2	STRING	53	397981	695	695	0.54528	0.1047	0.06911	0.070856
	NonSpecific	31	397971	711	711	0.52492	0.05764	0.04	0.041779
	ChIP-Seq	111	384807	7253	7253	0.49587	0.01682	-0.00343	0.015073
SINCERITIES	STRING	0	397931	745	748	0.54497	0	-0.00187	0.0
	NonSpecific	0	397943	739	742	0.52445	0	-0.00186	0.0
	ChIP-Seq	91	384867	7193	7273	0.49285	0.01653	-0.00602	0.012357
PPCOR	STRING	0	397928	748	748	0.5426	0	-0.00188	0.0
	NonSpecific	0	397940	742	742	0.52272	0	-0.00186	0.0
	ChIP-Seq	65	386881	5179	7299	0.49084	0.01636	-0.00518	0.012395
CGP-DSSPD-NR5-EXE1	STRING	13	390798	7878	735	0.54354	0.07293	-0.00074	0.001647
	NonSpecific	14	390805	7877	728	0.52296	0.03145	-0.00028	0.001774
	ChIP-Seq	148	384317	7743	7216	0.49051	0.01688	0.00034	0.018756
CGP-DSSPD-NR5-EXE2	STRING	13	390981	7695	735	0.54447	0.06946	-0.0006	0.001687
	NonSpecific	13	390987	7695	729	0.52258	0.02872	-0.00056	0.001687
	ChIP-Seq	121	384473	7587	7243	0.48907	0.01697	-0.00286	0.015698
CGP-DSSPD-NR5-EXE3	STRING	15	390926	7750	733	0.54355	0.06571	0.00019	0.001932
	NonSpecific	14	390931	7751	728	0.5215	0.02635	-0.00018	0.001803
	ChIP-Seq	129	384424	7636	7235	0.48826	0.01711	-0.00191	0.016613
CGP-DSSPD-NR5-EXE4	STRING	5	391032	7644	743	0.5432	0.06276	-0.00394	0.000654
	NonSpecific	13	391046	7636	729	0.52188	0.02541	-0.00051	0.0017
	ChIP-Seq	120	384531	7529	7244	0.48688	0.01712	-0.00285	0.015688
CGP-DSSPD-NR5-EXE5	STRING	14	391053	7623	734	0.54305	0.06048	-0.00013	0.001833
	NonSpecific	13	391058	7624	729	0.52151	0.02428	-0.0005	0.001702
	ChIP-Seq	127	384550	7510	7237	0.48668	0.01728	-0.00187	0.01663
CGP-DSSPD-NR10-EXE1	STRING	5	397166	1510	743	0.54359	0.05944	0.00204	0.0033
	NonSpecific	2	397169	1513	740	0.52054	0.02314	-0.00077	0.00132
	ChIP-Seq	30	390514	1546	7334	0.48692	0.01737	0.00028	0.019036
CGP-DSSPD-NR10-EXE2	STRING	2	397144	1532	746	0.54342	0.05791	-0.00082	0.001304
	NonSpecific	2	397150	1532	740	0.52036	0.02259	-0.0008	0.001304
	ChIP-Seq	19	390408	1652	7345	0.48625	0.01731	-0.00341	0.01137
CGP-DSSPD-NR10-EXE3	STRING	2	397183	1493	746	0.54327	0.0567	-0.00076	0.001338
	NonSpecific	0	397187	1495	742	0.51961	0	-0.00264	0.0
	ChIP-Seq	22	390504	1556	7342	0.48598	0.01732	-0.0021	0.013942
CGP-DSSPD-NR10-EXE4	STRING	4	397099	1577	744	0.54435	0.05595	0.00096	0.00253
	NonSpecific	6	397107	1575	736	0.52008	0.02165	0.00284	0.003795
	ChIP-Seq	11	390363	1697	7353	0.48466	0.01717	-0.00584	0.00644
CGP-DSSPD-NR10-EXE5	STRING	0	397129	1547	748	0.54351	0	-0.0027	0.0
	NonSpecific	1	397136	1546	741	0.51983	0.0213	-0.00175	0.000646
	ChIP-Seq	35	390482	1578	7329	0.48538	0.01731	0.00154	0.021699
CGP-KM-BKM-NR10-EXE1	STRING	3	397456	1220	745	0.54397	0.05344	0.00074	0.002453
	NonSpecific	1	397460	1222	741	0.5195	0.021	-0.00134	0.000818
	ChIP-Seq	62	386919	5141	7302	0.48377	0.01723	-0.00557	0.011916
CGP-KM-BKM-NR10-EXE2	STRING	8	397495	1181	740	0.54482	0.05348	0.00614	0.006728
	NonSpecific	6	397499	1183	736	0.52105	0.02144	0.00405	0.005046
	ChIP-Seq	48	386586	5474	7316	0.48114	0.01705	-0.00858	0.008693
CGP-KM-BKM-NR10-EXE3	STRING	3	397922	754	745	0.54507	0.05326	0.00211	0.003963
	NonSpecific	0	397925	757	742	0.52048	0	-0.00188	0.0
	ChIP-Seq	50	386713	5347	7314	0.47827	0.01684	-0.00798	0.009264
CGP-KM-BKM-NR10-EXE4	STRING	6	397645	1031	742	0.54663	0.05257	0.00462	0.005786
	NonSpecific	3	397648	1034	739	0.52195	0.02178	0.00123	0.002893
	ChIP-Seq	49	387472	4588	7315	0.47721	0.01682	-0.00634	0.010567
CGP-KM-BKM-NR10-EXE5	STRING	3	397880	796	745	0.54624	0.05151	0.00195	0.003755
	NonSpecific	4	397887	795	738	0.52295	0.02146	0.00327	0.005006
	ChIP-Seq	120	386709	5351	7244	0.47822	0.01702	0.00306	0.021934
CGP-KM-DSSPD-NR10-EXE1	STRING	4	397145	1531	744	0.54614	0.05099	0.00105	0.002606
	NonSpecific	2	397149	1533	740	0.52278	0.02131	-0.0008	0.001303
	ChIP-Seq	41	390205	1855	7323	0.47892	0.01713	0.00164	0.021624
CGP-KM-DSSPD-NR10-EXE2	STRING	2	397140	1536	746	0.54521	0.04986	-0.00082	0.0013
	NonSpecific	3	397147	1535	739	0.52263	0.02113	0.00013	0.001951
	ChIP-Seq	42	390256	1804	7322	0.47956	0.01722	0.00219	0.022752
CGP-KM-DSSPD-NR10-EXE3	STRING	3	397254	1422	745	0.5452	0.0495	0.00032	0.002105
	NonSpecific	4	397261	1421	738	0.52313	0.02119	0.00132	0.002807
	ChIP-Seq	41	390332	1728	7323	0.47999	0.01728	0.00235	0.023177
CGP-KM-DSSPD-NR10-EXE4	STRING	6	397233	1443	742	0.54569	0.04913	0.00316	0.004141
	NonSpecific	6	397239	1443	736	0.52366	0.0211	0.0032	0.004141
	ChIP-Seq	28	390272	1788	7336	0.47955	0.01725	-0.00152	0.015419
CGP-KM-DSSPD-NR10-EXE5	STRING	6	397116	1560	742	0.54766	0.04949	0.00284	0.003831
	NonSpecific	6	397122	1560	736	0.52484	0.02138	0.00288	0.003831
	ChIP-Seq	20	390225	1835	7344	0.47875	0.01718	-0.00389	0.010782

Tabela 21: Tabular results for mHSC-L problem considering the 500TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	21	313346	117	116	0.57191	0.17915	0.15236	0.152174
	NonSpecific	17	313058	263	262	0.5288	0.08684	0.05998	0.060714
	ChIP-Seq	47	304851	4351	4351	0.49826	0.01399	-0.00338	0.010687
GENIE3	STRING	13	313339	124	124	0.57506	0.18336	0.09449	0.094891
	NonSpecific	8	313050	271	271	0.52841	0.07612	0.02781	0.028674
	ChIP-Seq	57	304860	4342	4341	0.49777	0.01432	-0.00108	0.012957
GRNBOOST2	STRING	9	313335	128	128	0.57493	0.17616	0.06528	0.065693
	NonSpecific	8	313050	271	271	0.53002	0.07443	0.02781	0.028674
	ChIP-Seq	63	304867	4335	4335	0.49835	0.0149	0.0003	0.014325
SINCERITIES	STRING	0	313352	111	137	0.57493	0	-0.00039	0.0
	NonSpecific	0	313076	245	279	0.52947	0	-0.00083	0.0
	ChIP-Seq	30	305167	4035	4368	0.49492	0.01385	-0.00647	0.006821
PPCOR	STRING	0	312903	560	137	0.57314	0	-0.00088	0.0
	NonSpecific	0	312761	560	279	0.52793	0	-0.00126	0.0
	ChIP-Seq	42	305012	4190	4356	0.49279	0.01367	-0.00408	0.009924
CGP-DSSPD-NR5-EXE1	STRING	4	306634	6829	133	0.57288	0.14635	0.00106	0.000585
	NonSpecific	6	306494	6827	273	0.52752	0.0438	-6e-05	0.000878
	ChIP-Seq	99	302468	6734	4299	0.49473	0.01459	0.00059	0.014489
CGP-DSSPD-NR5-EXE2	STRING	3	306833	6630	134	0.57632	0.14852	0.00011	0.000452
	NonSpecific	7	306695	6626	272	0.52709	0.04145	0.00082	0.001055
	ChIP-Seq	75	302644	6558	4323	0.49352	0.01454	-0.0034	0.011307
CGP-DSSPD-NR5-EXE3	STRING	2	306784	6679	135	0.5759	0.14424	-0.00097	0.000299
	NonSpecific	7	306647	6674	272	0.52665	0.03943	0.00078	0.001048
	ChIP-Seq	65	302586	6616	4333	0.4915	0.01435	-0.00539	0.009729
CGP-DSSPD-NR5-EXE4	STRING	4	306481	6982	133	0.57582	0.14339	0.00098	0.000573
	NonSpecific	14	306349	6972	265	0.52625	0.03777	0.00564	0.002004
	ChIP-Seq	80	302296	6906	4318	0.49044	0.01436	-0.0033	0.011451
CGP-DSSPD-NR5-EXE5	STRING	3	306520	6943	134	0.57556	0.14092	-4e-05	0.000432
	NonSpecific	5	306380	6941	274	0.52596	0.03673	-0.00086	0.00072
	ChIP-Seq	107	302363	6839	4291	0.49128	0.01461	0.00177	0.015405
CGP-DSSPD-NR10-EXE1	STRING	0	312195	1268	137	0.57539	0	-0.00133	0.0
	NonSpecific	2	312055	1266	277	0.52558	0.0355	0.00147	0.001577
	ChIP-Seq	20	307853	1349	4378	0.49153	0.0147	0.00033	0.014609
CGP-DSSPD-NR10-EXE2	STRING	1	312149	1314	136	0.57539	0.13933	0.00101	0.00076
	NonSpecific	1	312007	1314	278	0.52516	0.03426	-0.00028	0.00076
	ChIP-Seq	25	307860	1342	4373	0.49228	0.01486	0.0024	0.018288
CGP-DSSPD-NR10-EXE3	STRING	0	312204	1259	137	0.57539	0	-0.00133	0.0
	NonSpecific	0	312062	1259	279	0.52477	0	-0.00189	0.0
	ChIP-Seq	20	307904	1298	4378	0.49263	0.01494	0.00064	0.015175
CGP-DSSPD-NR10-EXE4	STRING	3	312176	1287	134	0.5753	0.13856	0.00581	0.002326
	NonSpecific	4	312035	1286	275	0.5261	0.03338	0.00477	0.003101
	ChIP-Seq	6	307876	1326	4392	0.49123	0.01477	-0.00529	0.004505
CGP-DSSPD-NR10-EXE5	STRING	2	312053	1410	135	0.57487	0.1349	0.00315	0.001416
	NonSpecific	3	311912	1409	276	0.52563	0.03233	0.00279	0.002125
	ChIP-Seq	15	307716	1486	4383	0.49068	0.01473	-0.00238	0.009993
CGP-KM-BKM-NR10-EXE1	STRING	3	312548	915	134	0.5747	0.13351	0.00734	0.003268
	NonSpecific	2	312405	916	277	0.52529	0.03166	0.00234	0.002179
	ChIP-Seq	46	303870	5332	4352	0.48812	0.01453	-0.00615	0.008553
CGP-KM-BKM-NR10-EXE2	STRING	1	312419	1044	136	0.57461	0.13284	0.00144	0.000957
	NonSpecific	1	312277	1044	278	0.52517	0.03143	0.00013	0.000957
	ChIP-Seq	54	306114	3088	4344	0.48968	0.0148	0.0027	0.017187
CGP-KM-BKM-NR10-EXE3	STRING	2	312416	1047	135	0.57461	0.13284	0.00407	0.001907
	NonSpecific	1	312273	1048	278	0.52508	0.03127	0.00012	0.000953
	ChIP-Seq	41	306010	3192	4357	0.4896	0.01484	-0.00117	0.012682
CGP-KM-BKM-NR10-EXE4	STRING	2	312495	968	135	0.57461	0.13284	0.00433	0.002062
	NonSpecific	1	312352	969	278	0.52505	0.03121	0.00026	0.001031
	ChIP-Seq	57	305095	4107	4341	0.49041	0.01501	-0.00033	0.013689
CGP-KM-BKM-NR10-EXE5	STRING	2	312392	1071	135	0.57461	0.13284	0.004	0.001864
	NonSpecific	2	312250	1071	277	0.52496	0.03106	0.00192	0.001864
	ChIP-Seq	43	305574	3628	4355	0.49008	0.01505	-0.00214	0.011713
CGP-KM-DSSPD-NR10-EXE1	STRING	2	312164	1299	135	0.57825	0.13679	0.0034	0.001537
	NonSpecific	4	312024	1297	275	0.5264	0.03148	0.00473	0.003075
	ChIP-Seq	24	307797	1405	4374	0.49084	0.01514	0.00159	0.016795
CGP-KM-DSSPD-NR10-EXE2	STRING	0	312203	1260	137	0.57808	0	-0.00133	0.0
	NonSpecific	0	312061	1260	279	0.52606	0	-0.00189	0.0
	ChIP-Seq	18	307842	1360	4380	0.49108	0.01518	-0.00054	0.013062
CGP-KM-DSSPD-NR10-EXE3	STRING	1	312214	1249	136	0.57791	0.13412	0.0011	0.0008
	NonSpecific	4	312075	1246	275	0.52733	0.03106	0.0049	0.0032
	ChIP-Seq	20	307800	1402	4378	0.49102	0.01518	2e-05	0.014065
CGP-KM-DSSPD-NR10-EXE4	STRING	0	312233	1230	137	0.57782	0	-0.00131	0.0
	NonSpecific	0	312091	1230	279	0.52699	0	-0.00187	0.0
	ChIP-Seq	18	307848	1354	4380	0.49069	0.01515	-0.00051	0.01312
CGP-KM-DSSPD-NR10-EXE5	STRING	1	312229	1234	136	0.57765	0.13222	0.00112	0.00081
	NonSpecific	3	312089	1232	276	0.52663	0.03005	0.00325	0.002429
	ChIP-Seq	32	307849	1353	4366	0.49243	0.01533	0.00514	0.023105

Tabela 22: Tabular results for hESC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	126	819725	4118	4131	0.51209	0.04986	0.02464	0.029591
	NonSpecific	41	821273	3391	3395	0.5043	0.01354	0.00783	0.011912
	ChIP-Seq	20	819062	4512	4506	0.50005	0.0069	-0.00106	0.004399
GENIE3	STRING	46	819636	4207	4211	0.51365	0.04455	0.0057	0.010806
	NonSpecific	19	821246	3418	3417	0.50447	0.0105	0.00138	0.005522
	ChIP-Seq	39	819072	4502	4487	0.50165	0.00827	0.00314	0.008579
GRNBOOST2	STRING	75	819675	4168	4182	0.51462	0.04232	0.01258	0.017618
	NonSpecific	20	821251	3413	3416	0.50421	0.00951	0.00168	0.005812
	ChIP-Seq	36	819081	4493	4490	0.50263	0.00879	0.0025	0.007921
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	6	816919	6924	4251	0.51406	0.03654	-0.00549	0.000851
	NonSpecific	3	817737	6927	3433	0.50266	0.0075	-0.00531	0.000426
	ChIP-Seq	16	816660	6914	4510	0.50116	0.0074	-0.00393	0.00227
CGP-DSSPD-NR5-EXE2	STRING	3	815912	7931	4254	0.51308	0.03237	-0.00655	0.000371
	NonSpecific	2	816732	7932	3434	0.50128	0.00656	-0.00596	0.000248
	ChIP-Seq	14	815654	7920	4512	0.4998	0.00678	-0.00494	0.001733
CGP-DSSPD-NR5-EXE3	STRING	9	817148	6695	4248	0.51243	0.0297	-0.0048	0.001312
	NonSpecific	2	817962	6702	3434	0.4999	0.00597	-0.00541	0.000292
	ChIP-Seq	11	816881	6693	4515	0.49823	0.00634	-0.00469	0.001604
CGP-DSSPD-NR5-EXE4	STRING	4	817575	6268	4253	0.51162	0.02762	-0.0055	0.000625
	NonSpecific	1	818393	6271	3435	0.49842	0.00554	-0.00542	0.000156
	ChIP-Seq	13	817315	6259	4513	0.49715	0.00616	-0.00402	0.00203
CGP-DSSPD-NR5-EXE5	STRING	2	817076	6767	4255	0.51064	0.0259	-0.00615	0.00029
	NonSpecific	2	817897	6767	3434	0.4972	0.00528	-0.00544	0.00029
	ChIP-Seq	17	816822	6752	4509	0.49642	0.00609	-0.00364	0.002464
CGP-DSSPD-NR10-EXE1	STRING	0	822423	1420	4257	0.51034	0	-0.00298	0.0
	NonSpecific	0	823244	1420	3436	0.49662	0	-0.00267	0.0
	ChIP-Seq	2	822156	1418	4524	0.496	0.00603	-0.00228	0.001381
CGP-DSSPD-NR10-EXE2	STRING	3	822400	1443	4254	0.51016	0.02505	-0.00179	0.002052
	NonSpecific	1	823219	1445	3435	0.49598	0.00505	-0.00225	0.000684
	ChIP-Seq	10	822138	1436	4516	0.49634	0.00613	0.00082	0.00684
CGP-DSSPD-NR10-EXE3	STRING	2	822539	1304	4255	0.51007	0.02477	-0.00201	0.001508
	NonSpecific	0	823358	1306	3436	0.49543	0	-0.00257	0.0
	ChIP-Seq	4	822272	1302	4522	0.49599	0.00609	-0.00129	0.003017
CGP-DSSPD-NR10-EXE4	STRING	6	820219	3624	4251	0.50991	0.02417	-0.00324	0.001614
	NonSpecific	1	821035	3629	3435	0.49411	0.00481	-0.004	0.000269
	ChIP-Seq	10	819954	3620	4516	0.49526	0.00603	-0.00244	0.00269
CGP-DSSPD-NR10-EXE5	STRING	2	822523	1320	4255	0.50976	0.02394	-0.00203	0.001463
	NonSpecific	0	823342	1322	3436	0.4936	0	-0.00258	0.0
	ChIP-Seq	5	822257	1317	4521	0.49503	0.00601	-0.00091	0.003658
CGP-KM-BKM-NR10-EXE1	STRING	2	818686	5157	4255	0.50884	0.02295	-0.00526	0.000382
	NonSpecific	0	819505	5159	3436	0.49208	0	-0.00511	0.0
	ChIP-Seq	13	818427	5147	4514	0.49375	0.00591	-0.00316	0.002481
CGP-KM-BKM-NR10-EXE2	STRING	1	821678	2165	4256	0.50839	0.02253	-0.00335	0.000455
	NonSpecific	0	822498	2166	3436	0.49128	0	-0.00331	0.0
	ChIP-Seq	13	821420	2154	4514	0.49365	0.00592	0.00037	0.00592
CGP-KM-BKM-NR10-EXE3	STRING	2	818741	5102	4255	0.50768	0.02187	-0.00523	0.000385
	NonSpecific	0	819560	5104	3436	0.49007	0	-0.00508	0.0
	ChIP-Seq	12	818482	5092	4514	0.49253	0.00584	-0.00333	0.002312
CGP-KM-BKM-NR10-EXE4	STRING	3	819309	4534	4254	0.50721	0.02147	-0.00465	0.00065
	NonSpecific	0	821040	3624	3436	0.4888	0	-0.00428	0.0
	ChIP-Seq	20	819057	4517	4506	0.49194	0.00582	-0.00106	0.004332
CGP-KM-BKM-NR10-EXE5	STRING	2	820265	3578	4255	0.5065	0.02098	-0.00422	0.000551
	NonSpecific	0	821084	3580	3436	0.48759	0	-0.00425	0.0
	ChIP-Seq	8	820002	3572	4518	0.49114	0.00577	-0.00289	0.002206
CGP-KM-DSSPD-NR10-EXE1	STRING	0	822426	1417	4257	0.50624	0	-0.00298	0.0
	NonSpecific	0	823247	1417	3436	0.48707	0	-0.00267	0.0
	ChIP-Seq	6	822163	1411	4520	0.49083	0.00576	-0.00069	0.004065
CGP-KM-DSSPD-NR10-EXE2	STRING	0	822402	1441	4257	0.50596	0	-0.003	0.0
	NonSpecific	1	823224	1440	3435	0.48669	0.00424	-0.00224	0.000678
	ChIP-Seq	6	822139	1435	4520	0.49052	0.00574	-0.00074	0.004068
CGP-KM-DSSPD-NR10-EXE3	STRING	0	822376	1467	4257	0.50572	0	-0.00303	0.0
	NonSpecific	0	823197	1467	3436	0.48615	0	-0.00272	0.0
	ChIP-Seq	4	822111	1463	4522	0.49021	0.00573	-0.00156	0.002656
CGP-KM-DSSPD-NR10-EXE4	STRING	0	822424	1419	4257	0.5055	0	-0.00298	0.0
	NonSpecific	0	823245	1419	3436	0.48571	0	-0.00267	0.0
	ChIP-Seq	6	822161	1413	4520	0.48993	0.00571	-0.00069	0.004112
CGP-KM-DSSPD-NR10-EXE5	STRING	1	822239	1604	4256	0.50537	0.02028	-0.00278	0.00061
	NonSpecific	0	823059	1605	3436	0.48518	0	-0.00284	0.0
	ChIP-Seq	3	821972	1602	4523	0.48946	0.00568	-0.00215	0.001829

Tabela 23: Tabular results for hHep problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	281	884005	7177	7241	0.51369	0.04093	0.02943	0.037347
	NonSpecific	52	890548	4038	4066	0.50407	0.01135	0.00814	0.012591
	ChIP-Seq	152	879163	9698	9691	0.50254	0.01609	0.00453	0.015292
GENIE3	STRING	132	883799	7383	7390	0.51309	0.03288	0.00927	0.017546
	NonSpecific	25	890484	4102	4093	0.50381	0.00905	0.00148	0.006055
	ChIP-Seq	71	879005	9856	9772	0.50034	0.01322	-0.00386	0.007141
GRNBOOST2	STRING	134	883838	7344	7388	0.51397	0.03118	0.0096	0.017812
	NonSpecific	28	890501	4085	4090	0.5037	0.00846	0.00223	0.006781
	ChIP-Seq	78	879072	9789	9765	0.49999	0.01286	-0.00309	0.007848
SINCERITIES	STRING	66	883873	7309	7456	0.51444	0.02759	0.00058	0.008773
	NonSpecific	14	890541	4045	4104	0.5033	0.0075	-0.00113	0.003391
	ChIP-Seq	158	879282	9579	9687	0.50272	0.01404	0.0053	0.015897
PPCOR	STRING	0	890242	940	7522	0.51368	0	-0.00297	0.0
	NonSpecific	0	893646	940	4118	0.5027	0	-0.00219	0.0
	ChIP-Seq	0	887921	940	9843	0.50215	0	-0.00341	0.0
CGP-DSSPD-NR5-EXE1	STRING	136	876556	14626	7386	0.51364	0.02475	0.0012	0.009078
	NonSpecific	71	879895	14691	4047	0.50341	0.00709	0.00044	0.004739
	ChIP-Seq	161	874259	14602	9683	0.50261	0.01367	-6e-05	0.010747
CGP-DSSPD-NR5-EXE2	STRING	133	876358	14824	7389	0.51361	0.02363	0.00075	0.008762
	NonSpecific	76	879705	14881	4042	0.50325	0.00686	0.00096	0.005007
	ChIP-Seq	174	874076	14785	9671	0.5028	0.01356	0.00085	0.011463
CGP-DSSPD-NR5-EXE3	STRING	122	876902	14280	7400	0.51345	0.02287	0.00014	0.008346
	NonSpecific	42	880226	14360	4076	0.50303	0.00669	-0.00315	0.002873
	ChIP-Seq	182	874640	14221	9662	0.50334	0.01356	0.00206	0.012451
CGP-DSSPD-NR5-EXE4	STRING	130	876217	14965	7392	0.51378	0.02248	0.00035	0.008486
	NonSpecific	60	879550	15036	4059	0.50276	0.00656	-0.00118	0.003917
	ChIP-Seq	139	873904	14957	9705	0.50231	0.01327	-0.00219	0.009074
CGP-DSSPD-NR5-EXE5	STRING	117	876255	14927	7405	0.51313	0.02193	-0.00085	0.007674
	NonSpecific	77	879618	14968	4042	0.50263	0.00648	0.00103	0.00505
	ChIP-Seq	172	873988	14873	9672	0.50264	0.01328	0.0006	0.011281
CGP-DSSPD-NR10-EXE1	STRING	84	882170	9012	7438	0.51365	0.02175	0.00096	0.009078
	NonSpecific	46	885535	9051	4073	0.5025	0.00642	0.00071	0.004971
	ChIP-Seq	123	877080	11781	9722	0.50255	0.01324	-0.00069	0.010174
CGP-DSSPD-NR10-EXE2	STRING	56	884996	6186	7466	0.51364	0.02146	0.00055	0.008859
	NonSpecific	28	888415	6171	4090	0.50225	0.00635	-8e-05	0.004461
	ChIP-Seq	97	882715	6146	9747	0.50386	0.01342	0.00368	0.015346
CGP-DSSPD-NR10-EXE3	STRING	83	882534	8648	7439	0.514	0.02127	0.00124	0.009342
	NonSpecific	35	888675	5911	4083	0.50293	0.00641	0.00158	0.005786
	ChIP-Seq	92	880221	8640	9752	0.50329	0.0133	-0.0004	0.010355
CGP-DSSPD-NR10-EXE4	STRING	84	882175	9007	7438	0.51418	0.02113	0.00097	0.009091
	NonSpecific	29	888506	6080	4089	0.50358	0.00647	0.0002	0.004677
	ChIP-Seq	91	876951	11910	9754	0.50248	0.01318	-0.00377	0.007477
CGP-DSSPD-NR10-EXE5	STRING	50	885406	5776	7472	0.51405	0.02097	0.00019	0.00845
	NonSpecific	37	888797	5789	4081	0.50458	0.00656	0.00212	0.006253
	ChIP-Seq	83	883118	5743	9760	0.5031	0.01324	0.00256	0.014027
CGP-KM-BKM-NR10-EXE1	STRING	131	881794	9388	7391	0.5159	0.02112	0.00612	0.013572
	NonSpecific	11	890106	4480	4107	0.50361	0.00642	-0.00224	0.002416
	ChIP-Seq	146	879488	9373	9697	0.50485	0.01338	0.00436	0.015126
CGP-KM-BKM-NR10-EXE2	STRING	95	882789	8393	7427	0.51754	0.02139	0.00302	0.010923
	NonSpecific	34	889253	5333	4084	0.50537	0.00662	0.00201	0.00621
	ChIP-Seq	46	880419	8442	9797	0.50302	0.01317	-0.00519	0.005289
CGP-KM-BKM-NR10-EXE3	STRING	96	883876	7306	7426	0.51857	0.02141	0.0046	0.012761
	NonSpecific	9	889367	5219	4109	0.50449	0.00651	-0.00324	0.001683
	ChIP-Seq	90	877558	11303	9753	0.50176	0.01301	-0.00332	0.007754
CGP-KM-BKM-NR10-EXE4	STRING	81	883656	7526	7441	0.51951	0.02146	0.00231	0.010441
	NonSpecific	33	887012	7574	4085	0.50609	0.00665	-0.00033	0.004254
	ChIP-Seq	102	877969	10892	9742	0.50098	0.01292	-0.00179	0.00908
CGP-KM-BKM-NR10-EXE5	STRING	108	880289	10893	7414	0.51985	0.02141	0.00177	0.009648
	NonSpecific	33	888473	6113	4085	0.50683	0.00668	0.00097	0.005307
	ChIP-Seq	105	877965	10896	9738	0.50031	0.01285	-0.00151	0.00938
CGP-KM-DSSPD-NR10-EXE1	STRING	109	883703	7479	7413	0.52106	0.02149	0.00607	0.014119
	NonSpecific	39	889636	4950	4079	0.50645	0.0066	0.00358	0.007706
	ChIP-Seq	124	881397	7464	9719	0.50155	0.01294	0.00478	0.016062
CGP-KM-DSSPD-NR10-EXE2	STRING	122	882621	8561	7400	0.52257	0.0216	0.00616	0.01377
	NonSpecific	28	889327	5259	4090	0.50683	0.0066	0.00081	0.005176
	ChIP-Seq	109	880287	8574	9734	0.50189	0.01294	0.00152	0.012302
CGP-KM-DSSPD-NR10-EXE3	STRING	135	881882	9300	7387	0.52429	0.02173	0.00671	0.014127
	NonSpecific	17	889163	5423	4101	0.50647	0.00655	-0.00168	0.003084
	ChIP-Seq	104	879529	9332	9740	0.50091	0.01283	7e-05	0.010883
CGP-KM-DSSPD-NR10-EXE4	STRING	54	887475	3707	7468	0.52476	0.02169	0.00426	0.014263
	NonSpecific	41	890866	3720	4077	0.50871	0.00669	0.00607	0.010829
	ChIP-Seq	37	885137	3724	9806	0.50056	0.01279	-0.00069	0.009773
CGP-KM-DSSPD-NR10-EXE5	STRING	91	885069	6113	7431	0.52616	0.02182	0.00576	0.014337
	NonSpecific	21	889257	5329	4097	0.50899	0.00669	-0.00075	0.003823
	ChIP-Seq	67	882723	6138	9777	0.50024	0.01276	-0.00013	0.010556



Tabela 24: Tabular results for mDC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	141	664551	4675	4674	0.51004	0.04911	0.0223	0.029277
	NonSpecific	70	667976	2998	2997	0.50928	0.02524	0.01835	0.022816
	ChIP-Seq	2	672531	754	754	0.50067	0.00573	0.00153	0.002646
GENIE3	STRING	63	664474	4752	4752	0.5087	0.03522	0.00598	0.013084
	NonSpecific	30	667937	3037	3037	0.50937	0.01803	0.00526	0.009782
	ChIP-Seq	1	672529	756	755	0.50017	0.00405	0.0002	0.001321
GRNBOOST2	STRING	60	664471	4755	4755	0.50836	0.0311	0.00536	0.012461
	NonSpecific	19	667926	3048	3048	0.50888	0.0153	0.00165	0.006195
	ChIP-Seq	1	672530	755	755	0.49993	0.00367	0.0002	0.001323
SINCERITIES	STRING	36	664669	4557	4779	0.5085	0.02814	0.00068	0.007477
	NonSpecific	8	668069	2905	3059	0.50788	0.01204	-0.00177	0.002608
	ChIP-Seq	0	672568	717	756	0.49928	0	-0.00109	0.0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	97	654169	15057	4718	0.5078	0.02607	-0.00134	0.006401
	NonSpecific	50	655870	15104	3017	0.50728	0.01064	-0.00282	0.003299
	ChIP-Seq	12	658143	15142	744	0.49871	0.00284	-0.00149	0.000792
CGP-DSSPD-NR5-EXE2	STRING	108	653857	15369	4707	0.50856	0.02564	-0.0003	0.006978
	NonSpecific	69	655566	15408	2998	0.50886	0.01059	-0.00021	0.004458
	ChIP-Seq	12	657820	15465	744	0.49879	0.00306	-0.00159	0.000775
CGP-DSSPD-NR5-EXE3	STRING	102	653448	15778	4713	0.508	0.0248	-0.00133	0.006423
	NonSpecific	71	655165	15809	2996	0.50937	0.01028	-0.00018	0.004471
	ChIP-Seq	16	657421	15864	740	0.50016	0.00384	-0.00053	0.001008
CGP-DSSPD-NR5-EXE4	STRING	94	653207	16019	4721	0.50712	0.02406	-0.00243	0.005834
	NonSpecific	68	654929	16045	2999	0.50933	0.00996	-0.00077	0.00422
	ChIP-Seq	23	657195	16090	733	0.49962	0.0036	0.00143	0.001427
CGP-DSSPD-NR5-EXE5	STRING	104	653946	15280	4711	0.50686	0.02373	-0.00069	0.00676
	NonSpecific	60	655650	15324	3007	0.50915	0.0097	-0.00148	0.0039
	ChIP-Seq	14	657915	15370	742	0.49976	0.00367	-0.00097	0.00091
CGP-DSSPD-NR10-EXE1	STRING	20	666173	3053	4795	0.50667	0.02348	-0.00051	0.006508
	NonSpecific	18	667919	3055	3049	0.50981	0.00963	0.00131	0.005857
	ChIP-Seq	9	670304	2981	747	0.50063	0.00399	0.00377	0.00301
CGP-DSSPD-NR10-EXE2	STRING	19	666082	3144	4796	0.50634	0.02322	-0.00093	0.006007
	NonSpecific	25	667912	3062	3042	0.51145	0.00976	0.00358	0.008098
	ChIP-Seq	3	670201	3084	753	0.50085	0.00405	-0.0003	0.000972
CGP-DSSPD-NR10-EXE3	STRING	22	665937	3289	4793	0.50616	0.02307	-0.00042	0.006645
	NonSpecific	11	667811	3163	3056	0.51073	0.00946	-0.00111	0.003466
	ChIP-Seq	3	670114	3171	753	0.50031	0.00386	-0.00036	0.000945
CGP-DSSPD-NR10-EXE4	STRING	47	662997	6229	4768	0.50636	0.02301	0.0004	0.007489
	NonSpecific	14	667865	3109	3053	0.51033	0.00927	-7e-05	0.004483
	ChIP-Seq	4	670166	3119	752	0.4998	0.00371	0.00032	0.001281
CGP-DSSPD-NR10-EXE5	STRING	26	666261	2965	4789	0.5069	0.02313	0.00123	0.008693
	NonSpecific	7	667990	2984	3060	0.5094	0.00905	-0.00219	0.00234
	ChIP-Seq	4	670355	2930	752	0.49931	0.00359	0.00048	0.001363
CGP-KM-BKM-NR10-EXE1	STRING	170	663337	5889	4645	0.51827	0.02578	0.02365	0.028057
	NonSpecific	81	666701	4273	2986	0.51496	0.00967	0.01684	0.018604
	ChIP-Seq	2	671793	1492	754	0.50017	0.00381	0.00031	0.001339
CGP-KM-BKM-NR10-EXE2	STRING	145	662986	6240	4670	0.52516	0.02713	0.01808	0.022709
	NonSpecific	82	664671	6303	2985	0.51766	0.00996	0.01205	0.012843
	ChIP-Seq	0	672208	1077	756	0.49974	0	-0.00134	0.0
CGP-KM-BKM-NR10-EXE3	STRING	96	664472	4754	4719	0.52651	0.02693	0.01279	0.019794
	NonSpecific	65	666387	4587	3002	0.5199	0.01012	0.01167	0.013972
	ChIP-Seq	1	670901	2384	755	0.49988	0.00374	-0.00125	0.000419
CGP-KM-BKM-NR10-EXE4	STRING	121	663064	6162	4694	0.52697	0.02673	0.01395	0.019258
	NonSpecific	29	667100	3874	3038	0.51902	0.00995	0.00327	0.00743
	ChIP-Seq	0	670855	2430	756	0.49962	0	-0.00202	0.0
CGP-KM-BKM-NR10-EXE5	STRING	194	659588	9638	4621	0.52921	0.02687	0.01819	0.019731
	NonSpecific	169	661311	9663	2898	0.5208	0.01005	0.02285	0.017189
	ChIP-Seq	0	671748	1537	756	0.49948	0	-0.0016	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	31	666320	2906	4784	0.52959	0.02682	0.00268	0.010555
	NonSpecific	15	668052	2922	3052	0.5208	0.00998	0.00055	0.005107
	ChIP-Seq	1	670775	2510	755	0.4996	0.00369	-0.00132	0.000398
CGP-KM-DSSPD-NR10-EXE2	STRING	26	665054	4172	4789	0.53027	0.02682	-0.00089	0.006193
	NonSpecific	22	666798	4176	3045	0.52247	0.0101	0.00081	0.005241
	ChIP-Seq	0	672028	1257	756	0.49906	0	-0.00145	0.0
CGP-KM-DSSPD-NR10-EXE3	STRING	34	665154	4072	4781	0.53141	0.02694	0.00106	0.008281
	NonSpecific	23	666891	4083	3044	0.52381	0.01017	0.00122	0.005602
	ChIP-Seq	1	672043	1242	755	0.49929	0.00364	-0.00041	0.000805
CGP-KM-DSSPD-NR10-EXE4	STRING	24	666326	2900	4791	0.5318	0.02688	0.00083	0.008208
	NonSpecific	15	668065	2909	3052	0.52381	0.0101	0.00057	0.00513
	ChIP-Seq	1	670799	2486	755	0.49949	0.00368	-0.00131	0.000402
CGP-KM-DSSPD-NR10-EXE5	STRING	19	666633	2593	4796	0.5319	0.02682	0.0001	0.007274
	NonSpecific	13	668375	2599	3054	0.52362	0.01004	0.0004	0.004977
	ChIP-Seq	1	670980	2305	755	0.49957	0.0037	-0.0012	0.000434

Tabela 25: Tabular results for mESC problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	293	1239169	7469	7469	0.51591	0.06549	0.03176	0.037748
	NonSpecific	132	1240745	6762	6761	0.50724	0.02195	0.01373	0.019147
	ChIP-Seq	899	1196072	28715	28714	0.50315	0.035	0.00691	0.030357
GENIE3	STRING	167	1239043	7595	7595	0.51759	0.05254	0.01542	0.021515
	NonSpecific	96	1240709	6798	6797	0.50793	0.01649	0.00848	0.013925
	ChIP-Seq	1032	1196204	28583	28581	0.5051	0.03469	0.01151	0.034847
GRNBOOST2	STRING	195	1239071	7567	7567	0.51874	0.04986	0.01905	0.025122
	NonSpecific	103	1240717	6790	6790	0.50798	0.01534	0.0095	0.014943
	ChIP-Seq	1040	1196214	28573	28573	0.5065	0.0352	0.01179	0.03512
SINCERITIES	STRING	93	1239066	7572	7669	0.5209	0.04142	0.00594	0.011981
	NonSpecific	51	1240752	6755	6842	0.50845	0.01341	0.002	0.007399
	ChIP-Seq	696	1196476	28311	28917	0.50588	0.03381	0.00039	0.023503
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	129	1226350	20288	7633	0.52139	0.03754	0.00021	0.006318
	NonSpecific	121	1227211	20296	6772	0.50969	0.01292	0.00075	0.005926
	ChIP-Seq	526	1204896	19891	29087	0.50643	0.03364	0.00183	0.025763
CGP-DSSPD-NR5-EXE2	STRING	140	1226277	20361	7622	0.52176	0.03503	0.00105	0.006829
	NonSpecific	128	1227134	20373	6765	0.51081	0.01258	0.0013	0.006244
	ChIP-Seq	508	1204794	19993	29105	0.50662	0.03342	0.001	0.024779
CGP-DSSPD-NR5-EXE3	STRING	132	1226308	20330	7630	0.52163	0.03321	0.00043	0.006451
	NonSpecific	142	1227187	20320	6751	0.51109	0.01215	0.00252	0.00694
	ChIP-Seq	465	1204790	19997	29148	0.50638	0.03317	-0.00075	0.022725
CGP-DSSPD-NR5-EXE4	STRING	153	1226603	20035	7609	0.52193	0.03212	0.00227	0.007579
	NonSpecific	104	1227423	20084	6789	0.51139	0.01187	-0.00059	0.005152
	ChIP-Seq	497	1205096	19691	29116	0.50666	0.0331	0.00085	0.024619
CGP-DSSPD-NR5-EXE5	STRING	137	1225969	20669	7625	0.522	0.03127	0.00066	0.006585
	NonSpecific	115	1226816	20691	6778	0.51092	0.01151	6e-05	0.005527
	ChIP-Seq	465	1204446	20341	29148	0.50638	0.03294	-0.00108	0.022349
CGP-DSSPD-NR10-EXE1	STRING	80	1234358	12280	7682	0.52228	0.03046	0.00036	0.006472
	NonSpecific	55	1235202	12305	6838	0.51047	0.01115	-0.00141	0.00445
	ChIP-Seq	259	1212645	12142	29354	0.50593	0.03274	-0.00179	0.020885
CGP-DSSPD-NR10-EXE2	STRING	48	1238566	8072	7714	0.52235	0.02986	-0.00028	0.005911
	NonSpecific	49	1239436	8071	6844	0.51034	0.01093	0.00059	0.006034
	ChIP-Seq	404	1205125	19662	29209	0.50501	0.03249	-0.00292	0.020134
CGP-DSSPD-NR10-EXE3	STRING	55	1238339	8299	7707	0.52262	0.02934	0.00041	0.006584
	NonSpecific	58	1239211	8296	6835	0.51125	0.01093	0.0016	0.006943
	ChIP-Seq	185	1216618	8169	29428	0.50458	0.03235	-0.00079	0.022145
CGP-DSSPD-NR10-EXE4	STRING	41	1238269	8369	7721	0.52227	0.02875	-0.00137	0.004875
	NonSpecific	47	1239144	8363	6846	0.51133	0.01081	0.0001	0.005589
	ChIP-Seq	406	1208644	16143	29207	0.50471	0.03232	0.00071	0.024533
CGP-DSSPD-NR10-EXE5	STRING	73	1234475	12163	7689	0.52203	0.02829	-0.00028	0.005966
	NonSpecific	61	1235332	12175	6832	0.51106	0.01068	-0.00068	0.004985
	ChIP-Seq	266	1212817	11970	29347	0.50432	0.03222	-0.00122	0.021739
CGP-KM-BKM-NR10-EXE1	STRING	44	1237378	9260	7718	0.52204	0.02809	-0.00161	0.004729
	NonSpecific	35	1240583	6924	6858	0.51092	0.01056	-0.00047	0.005029
	ChIP-Seq	255	1206057	18730	29358	0.50202	0.03182	-0.00831	0.013432
CGP-KM-BKM-NR10-EXE2	STRING	40	1235624	11014	7722	0.52086	0.02746	-0.00309	0.003619
	NonSpecific	43	1236496	11011	6850	0.51003	0.01035	-0.00205	0.00389
	ChIP-Seq	358	1212872	11915	29255	0.50311	0.03201	0.00364	0.02917
CGP-KM-BKM-NR10-EXE3	STRING	60	1235072	11566	7702	0.52135	0.02743	-0.00127	0.005161
	NonSpecific	74	1235955	11552	6819	0.51059	0.01036	0.00114	0.006365
	ChIP-Seq	336	1210049	14738	29277	0.50305	0.03199	-0.00096	0.02229
CGP-KM-BKM-NR10-EXE4	STRING	58	1235418	11220	7704	0.52092	0.0271	-0.00127	0.005143
	NonSpecific	66	1236295	11212	6827	0.51109	0.01035	0.00046	0.005852
	ChIP-Seq	445	1201775	23012	29168	0.50146	0.03169	-0.00422	0.018971
CGP-KM-BKM-NR10-EXE5	STRING	54	1237772	8866	7708	0.52165	0.02716	-0.00015	0.006054
	NonSpecific	58	1238645	8862	6835	0.51181	0.0104	0.00115	0.006502
	ChIP-Seq	213	1211911	12876	29400	0.50025	0.0315	-0.00496	0.016273
CGP-KM-DSSPD-NR10-EXE1	STRING	33	1239836	6802	7729	0.52114	0.02689	-0.00128	0.004828
	NonSpecific	49	1240721	6786	6844	0.51254	0.01043	0.00168	0.007169
	ChIP-Seq	169	1218121	6666	29444	0.50004	0.03147	0.00055	0.024726
CGP-KM-DSSPD-NR10-EXE2	STRING	21	1243021	3617	7741	0.5211	0.02683	-0.00029	0.005772
	NonSpecific	20	1243889	3618	6873	0.51259	0.0104	0	0.005498
	ChIP-Seq	73	1221222	3565	29540	0.4998	0.03144	-0.00126	0.020066
CGP-KM-DSSPD-NR10-EXE3	STRING	23	1242970	3668	7739	0.52113	0.02673	3e-05	0.006231
	NonSpecific	24	1243840	3667	6869	0.51281	0.0104	0.00074	0.006502
	ChIP-Seq	104	1221200	3587	29509	0.49995	0.03147	0.00163	0.028177
CGP-KM-DSSPD-NR10-EXE4	STRING	21	1242843	3795	7741	0.52112	0.0267	-0.00048	0.005503
	NonSpecific	22	1243713	3794	6871	0.5128	0.01038	0.0002	0.005765
	ChIP-Seq	92	1221063	3724	29521	0.50002	0.03148	0.00018	0.024109
CGP-KM-DSSPD-NR10-EXE5	STRING	21	1242775	3863	7741	0.52093	0.02659	-0.00056	0.005407
	NonSpecific	24	1243647	3860	6869	0.51279	0.01035	0.00052	0.006179
	ChIP-Seq	86	1220989	3798	29527	0.49993	0.03147	-0.00054	0.022142

Tabela 26: Tabular results for mHSC-E problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	82	492955	1290	1289	0.52672	0.08131	0.05718	0.059767
	NonSpecific	53	492818	1373	1372	0.51666	0.03963	0.0344	0.037167
	ChIP-Seq	205	472706	11353	11352	0.49727	0.022	-0.00571	0.017737
GENIE3	STRING	53	492927	1318	1318	0.53013	0.06921	0.03599	0.038658
	NonSpecific	44	492810	1381	1381	0.5209	0.03185	0.02808	0.030877
	ChIP-Seq	35	472534	11525	11522	0.49055	0.01834	-0.02078	0.003028
GRNBOOST2	STRING	55	492929	1316	1316	0.53231	0.07056	0.03745	0.040117
	NonSpecific	43	492809	1382	1382	0.52119	0.03257	0.02738	0.030175
	ChIP-Seq	72	472574	11485	11485	0.48842	0.01803	-0.0175	0.00623
SINCERITIES	STRING	0	492877	1368	1371	0.53171	0	-0.00277	0.0
	NonSpecific	1	492771	1420	1424	0.52014	0.02595	-0.00217	0.000702
	ChIP-Seq	175	472746	11313	11382	0.48485	0.01877	-0.00825	0.015142
PPCOR	STRING	18	492891	1354	1353	0.53156	0.04982	0.01039	0.01312
	NonSpecific	11	492776	1415	1414	0.51941	0.01957	0.00485	0.007714
	ChIP-Seq	146	477807	6252	11411	0.48454	0.01918	-0.00038	0.02282
CGP-DSSPD-NR5-EXE1	STRING	25	484884	9361	1346	0.53163	0.0456	-0.00027	0.002664
	NonSpecific	24	484829	9362	1401	0.5208	0.01852	-0.00083	0.002557
	ChIP-Seq	235	474908	9151	11322	0.48545	0.02021	0.00158	0.025037
CGP-DSSPD-NR5-EXE2	STRING	32	481260	12985	1339	0.53158	0.04231	-0.00096	0.002458
	NonSpecific	43	481217	12974	1382	0.52107	0.01731	0.00131	0.003303
	ChIP-Seq	355	471397	12662	11202	0.48768	0.02123	0.0043	0.027272
CGP-DSSPD-NR5-EXE3	STRING	18	485026	9219	1353	0.53114	0.04009	-0.00215	0.001949
	NonSpecific	25	484979	9212	1400	0.5204	0.0162	-0.00043	0.002707
	ChIP-Seq	215	475037	9022	11342	0.48791	0.02151	-4e-05	0.023276
CGP-DSSPD-NR5-EXE4	STRING	39	483540	10705	1332	0.53113	0.03848	0.00245	0.00363
	NonSpecific	36	483483	10708	1389	0.52109	0.01574	0.00132	0.003351
	ChIP-Seq	240	473555	10504	11317	0.48718	0.02158	-0.00097	0.022338
CGP-DSSPD-NR5-EXE5	STRING	32	482271	11974	1339	0.53031	0.03672	-0.0003	0.002665
	NonSpecific	30	482215	11976	1395	0.52083	0.01516	-0.00111	0.002499
	ChIP-Seq	265	472318	11741	11292	0.48683	0.02168	-0.0013	0.022072
CGP-DSSPD-NR10-EXE1	STRING	2	491452	2793	1369	0.5296	0.03501	-0.00294	0.000716
	NonSpecific	7	491403	2788	1418	0.52065	0.01472	-0.00052	0.002504
	ChIP-Seq	112	478813	5246	11445	0.48603	0.02165	-0.00167	0.020903
CGP-DSSPD-NR10-EXE2	STRING	3	491507	2738	1368	0.52917	0.034	-0.00237	0.001094
	NonSpecific	6	491456	2735	1419	0.52042	0.01433	-0.00096	0.002189
	ChIP-Seq	158	478695	5364	11399	0.48747	0.022	0.00372	0.028613
CGP-DSSPD-NR10-EXE3	STRING	4	491618	2627	1367	0.52911	0.03325	-0.00173	0.00152
	NonSpecific	8	491568	2623	1417	0.51993	0.01396	0.00023	0.003041
	ChIP-Seq	120	478951	5108	11437	0.48765	0.02209	-0.00025	0.022953
CGP-DSSPD-NR10-EXE4	STRING	8	491749	2496	1363	0.52927	0.0326	0.00058	0.003195
	NonSpecific	8	491695	2496	1417	0.52	0.01372	0.00042	0.003195
	ChIP-Seq	134	476444	7615	11423	0.48627	0.02201	-0.00503	0.017293
CGP-DSSPD-NR10-EXE5	STRING	7	491457	2788	1364	0.52814	0.03143	-0.00038	0.002504
	NonSpecific	8	491404	2787	1417	0.51978	0.01347	-2e-05	0.002862
	ChIP-Seq	178	475664	8395	11379	0.48547	0.02197	-0.00225	0.020763
CGP-KM-BKM-NR10-EXE1	STRING	9	492849	1396	1362	0.52864	0.03165	0.00369	0.006406
	NonSpecific	9	491435	2756	1416	0.52007	0.01334	0.00053	0.003255
	ChIP-Seq	90	478116	5943	11467	0.48317	0.02176	-0.00618	0.014918
CGP-KM-BKM-NR10-EXE2	STRING	14	491634	2611	1357	0.52937	0.03164	0.00357	0.005333
	NonSpecific	11	491577	2614	1414	0.51953	0.01308	0.00179	0.00419
	ChIP-Seq	61	481303	2756	11496	0.48347	0.02183	-0.00083	0.021654
CGP-KM-BKM-NR10-EXE3	STRING	10	492267	1978	1361	0.52937	0.0314	0.00274	0.00503
	NonSpecific	4	492207	1984	1421	0.51867	0.01284	-0.00102	0.002012
	ChIP-Seq	138	478234	5825	11419	0.48336	0.02185	-0.00013	0.023143
CGP-KM-BKM-NR10-EXE4	STRING	8	492426	1819	1363	0.52932	0.03114	0.00187	0.004379
	NonSpecific	9	492373	1818	1416	0.51954	0.0129	0.00233	0.004926
	ChIP-Seq	137	478858	5201	11420	0.48402	0.02197	0.00162	0.025665
CGP-KM-BKM-NR10-EXE5	STRING	7	492298	1947	1364	0.52911	0.03077	0.00098	0.003582
	NonSpecific	7	492244	1947	1418	0.51971	0.01282	0.00083	0.003582
	ChIP-Seq	171	476886	7173	11386	0.48362	0.02195	-3e-05	0.023284
CGP-KM-DSSPD-NR10-EXE1	STRING	9	491960	2285	1362	0.529	0.03048	0.0015	0.003923
	NonSpecific	10	491907	2284	1415	0.5206	0.01289	0.00189	0.004359
	ChIP-Seq	86	479974	4085	11471	0.4835	0.02199	-0.00165	0.020619
CGP-KM-DSSPD-NR10-EXE2	STRING	8	492524	1721	1363	0.53002	0.03062	0.0021	0.004627
	NonSpecific	6	492468	1723	1419	0.52044	0.01277	0.00066	0.00347
	ChIP-Seq	62	482228	1831	11495	0.48447	0.02212	0.00387	0.032752
CGP-KM-DSSPD-NR10-EXE3	STRING	3	491935	2310	1368	0.52956	0.0302	-0.00192	0.001297
	NonSpecific	5	491883	2308	1420	0.521	0.0128	-0.00091	0.002162
	ChIP-Seq	64	478267	5792	11493	0.48254	0.022	-0.00898	0.010929
CGP-KM-DSSPD-NR10-EXE4	STRING	2	491789	2456	1369	0.52844	0.02967	-0.00263	0.000814
	NonSpecific	8	491741	2450	1417	0.52054	0.01266	0.0005	0.003255
	ChIP-Seq	41	479817	4242	11516	0.48071	0.02185	-0.0085	0.009573
CGP-KM-DSSPD-NR10-EXE5	STRING	5	491999	2246	1366	0.52851	0.02943	-0.0007	0.002221
	NonSpecific	4	491944	2247	1421	0.52052	0.01259	-0.00138	0.001777
	ChIP-Seq	53	478501	5558	11504	0.47817	0.02164	-0.00984	0.009446

Tabela 27: Tabular results for mHSC-GM problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	53	397981	695	695	0.53288	0.11781	0.06911	0.070856
	NonSpecific	30	397970	712	712	0.51884	0.06319	0.03864	0.040431
	ChIP-Seq	101	384797	7263	7263	0.49754	0.01707	-0.00481	0.013715
GENIE3	STRING	54	397982	694	694	0.54231	0.10488	0.07045	0.072193
	NonSpecific	29	397969	713	713	0.52305	0.05572	0.0373	0.039084
	ChIP-Seq	73	384767	7293	7291	0.49524	0.01598	-0.00869	0.00991
GRNBOOST2	STRING	53	397981	695	695	0.54528	0.1047	0.06911	0.070856
	NonSpecific	31	397971	711	711	0.52492	0.05764	0.04	0.041779
	ChIP-Seq	111	384807	7253	7253	0.49587	0.01682	-0.00343	0.015073
SINCERITIES	STRING	0	397931	745	748	0.54497	0	-0.00187	0.0
	NonSpecific	0	397943	739	742	0.52445	0	-0.00186	0.0
	ChIP-Seq	91	384867	7193	7273	0.49285	0.01653	-0.00602	0.012357
PPCOR	STRING	1	397929	747	747	0.5426	0.07733	-0.00054	0.001337
	NonSpecific	1	397941	741	741	0.52272	0.03512	-0.00051	0.001348
	ChIP-Seq	65	387513	4547	7299	0.49084	0.01636	-0.00349	0.014094
CGP-DSSPD-NR5-EXE1	STRING	13	390812	7864	735	0.54354	0.07293	-0.00073	0.00165
	NonSpecific	14	390819	7863	728	0.52296	0.03145	-0.00026	0.001777
	ChIP-Seq	148	384331	7729	7216	0.49051	0.01688	0.00037	0.018789
CGP-DSSPD-NR5-EXE2	STRING	13	390991	7685	735	0.54447	0.06946	-0.0006	0.001689
	NonSpecific	13	390997	7685	729	0.52258	0.02872	-0.00055	0.001689
	ChIP-Seq	121	384483	7577	7243	0.48907	0.01697	-0.00283	0.015718
CGP-DSSPD-NR5-EXE3	STRING	15	390937	7739	733	0.54355	0.06571	0.0002	0.001934
	NonSpecific	14	390942	7740	728	0.5215	0.02635	-0.00017	0.001806
	ChIP-Seq	129	384435	7625	7235	0.48826	0.01711	-0.00188	0.016637
CGP-DSSPD-NR5-EXE4	STRING	5	391037	7639	743	0.5432	0.06276	-0.00394	0.000654
	NonSpecific	13	391051	7631	729	0.52188	0.02541	-0.00051	0.001701
	ChIP-Seq	120	384536	7524	7244	0.48688	0.01712	-0.00284	0.015699
CGP-DSSPD-NR5-EXE5	STRING	14	391065	7611	734	0.54305	0.06048	-0.00012	0.001836
	NonSpecific	13	391070	7612	729	0.52151	0.02428	-0.00049	0.001705
	ChIP-Seq	127	384562	7498	7237	0.48668	0.01728	-0.00185	0.016656
CGP-DSSPD-NR10-EXE1	STRING	5	397167	1509	743	0.54359	0.05944	0.00204	0.003303
	NonSpecific	2	397170	1512	740	0.52054	0.02314	-0.00077	0.001321
	ChIP-Seq	30	390516	1544	7334	0.48692	0.01737	0.00029	0.01906
CGP-DSSPD-NR10-EXE2	STRING	2	397146	1530	746	0.54342	0.05791	-0.00081	0.001305
	NonSpecific	2	397152	1530	740	0.52036	0.02259	-0.0008	0.001305
	ChIP-Seq	19	390410	1650	7345	0.48625	0.01731	-0.0034	0.011384
CGP-DSSPD-NR10-EXE3	STRING	2	397184	1492	746	0.54327	0.0567	-0.00076	0.001339
	NonSpecific	0	397188	1494	742	0.51961	0	-0.00264	0.0
	ChIP-Seq	22	390505	1555	7342	0.48598	0.01732	-0.0021	0.013951
CGP-DSSPD-NR10-EXE4	STRING	4	397102	1574	744	0.54435	0.05595	0.00097	0.002535
	NonSpecific	6	397110	1572	736	0.52008	0.02165	0.00284	0.003802
	ChIP-Seq	11	390366	1694	7353	0.48466	0.01717	-0.00583	0.006452
CGP-DSSPD-NR10-EXE5	STRING	0	397129	1547	748	0.54351	0	-0.0027	0.0
	NonSpecific	1	397136	1546	741	0.51983	0.0213	-0.00175	0.000646
	ChIP-Seq	35	390482	1578	7329	0.48538	0.01731	0.00154	0.021699
CGP-KM-BKM-NR10-EXE1	STRING	3	397488	1188	745	0.54397	0.05344	0.00082	0.002519
	NonSpecific	1	397492	1190	741	0.5195	0.021	-0.00129	0.00084
	ChIP-Seq	62	386978	5082	7302	0.48377	0.01723	-0.00542	0.012053
CGP-KM-BKM-NR10-EXE2	STRING	8	397528	1148	740	0.54482	0.05348	0.00629	0.00692
	NonSpecific	6	397532	1150	736	0.52105	0.02144	0.00417	0.00519
	ChIP-Seq	48	386640	5420	7316	0.48114	0.01705	-0.00846	0.008778
CGP-KM-BKM-NR10-EXE3	STRING	4	397875	801	744	0.54507	0.05326	0.00322	0.004969
	NonSpecific	1	397878	804	741	0.52048	0.02112	-0.00064	0.001242
	ChIP-Seq	50	386790	5270	7314	0.47827	0.01684	-0.00781	0.009398
CGP-KM-BKM-NR10-EXE4	STRING	6	397687	989	742	0.54663	0.05257	0.00481	0.00603
	NonSpecific	3	397690	992	739	0.52195	0.02178	0.00134	0.003015
	ChIP-Seq	49	387550	4510	7315	0.47721	0.01682	-0.00614	0.010748
CGP-KM-BKM-NR10-EXE5	STRING	3	397913	763	745	0.54624	0.05151	0.00207	0.003916
	NonSpecific	4	397920	762	738	0.52295	0.02146	0.00343	0.005222
	ChIP-Seq	120	386773	5287	7244	0.47822	0.01702	0.00327	0.022193
CGP-KM-DSSPD-NR10-EXE1	STRING	4	397156	1520	744	0.54614	0.05099	0.00108	0.002625
	NonSpecific	2	397160	1522	740	0.52278	0.02131	-0.00078	0.001312
	ChIP-Seq	41	390218	1842	7323	0.47892	0.01713	0.00171	0.021774
CGP-KM-DSSPD-NR10-EXE2	STRING	2	397147	1529	746	0.54521	0.04986	-0.00081	0.001306
	NonSpecific	3	397154	1528	739	0.52263	0.02113	0.00015	0.00196
	ChIP-Seq	42	390266	1794	7322	0.47956	0.01722	0.00224	0.022876
CGP-KM-DSSPD-NR10-EXE3	STRING	3	397265	1411	745	0.5452	0.0495	0.00034	0.002122
	NonSpecific	4	397272	1410	738	0.52313	0.02119	0.00134	0.002829
	ChIP-Seq	41	390345	1715	7323	0.47999	0.01728	0.00243	0.023349
CGP-KM-DSSPD-NR10-EXE4	STRING	6	397246	1430	742	0.54569	0.04913	0.0032	0.004178
	NonSpecific	6	397252	1430	736	0.52366	0.0211	0.00324	0.004178
	ChIP-Seq	28	390291	1769	7336	0.47955	0.01725	-0.00143	0.015582
CGP-KM-DSSPD-NR10-EXE5	STRING	6	397125	1551	742	0.54766	0.04949	0.00287	0.003854
	NonSpecific	6	397131	1551	736	0.52484	0.02138	0.0029	0.003854
	ChIP-Seq	20	390234	1826	7344	0.47875	0.01718	-0.00385	0.010834

Tabela 28: Tabular results for mHSC-L problem considering the 500TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	21	313346	117	116	0.57191	0.17915	0.15236	0.152174
	NonSpecific	17	313058	263	262	0.5288	0.08684	0.05998	0.060714
	ChIP-Seq	47	304851	4351	4351	0.49826	0.01399	-0.00338	0.010687
GENIE3	STRING	13	313339	124	124	0.57506	0.18336	0.09449	0.094891
	NonSpecific	8	313050	271	271	0.52841	0.07612	0.02781	0.028674
	ChIP-Seq	57	304860	4342	4341	0.49777	0.01432	-0.00108	0.012957
GRNBOOST2	STRING	9	313335	128	128	0.57493	0.17616	0.06528	0.065693
	NonSpecific	8	313050	271	271	0.53002	0.07443	0.02781	0.028674
	ChIP-Seq	63	304867	4335	4335	0.49835	0.0149	0.0003	0.014325
SINCERITIES	STRING	0	313352	111	137	0.57493	0	-0.00039	0.0
	NonSpecific	0	313076	245	279	0.52947	0	-0.00083	0.0
	ChIP-Seq	30	305167	4035	4368	0.49492	0.01385	-0.00647	0.006821
PPCOR	STRING	0	313325	138	137	0.57314	0	-0.00044	0.0
	NonSpecific	0	313041	280	279	0.52793	0	-0.00089	0.0
	ChIP-Seq	42	305572	3630	4356	0.49279	0.01367	-0.00239	0.011438
CGP-DSSPD-NR5-EXE1	STRING	4	306642	6821	133	0.57288	0.14635	0.00106	0.000586
	NonSpecific	6	306502	6819	273	0.52752	0.0438	-5e-05	0.000879
	ChIP-Seq	99	302476	6726	4299	0.49473	0.01459	0.00061	0.014505
CGP-DSSPD-NR5-EXE2	STRING	3	306842	6621	134	0.57632	0.14852	0.00011	0.000453
	NonSpecific	7	306704	6617	272	0.52709	0.04145	0.00082	0.001057
	ChIP-Seq	75	302653	6549	4323	0.49352	0.01454	-0.00337	0.011322
CGP-DSSPD-NR5-EXE3	STRING	2	306793	6670	135	0.5759	0.14424	-0.00097	0.0003
	NonSpecific	7	306656	6665	272	0.52665	0.03943	0.00079	0.001049
	ChIP-Seq	65	302595	6607	4333	0.4915	0.01435	-0.00537	0.009742
CGP-DSSPD-NR5-EXE4	STRING	4	306486	6977	133	0.57582	0.14339	0.00098	0.000573
	NonSpecific	14	306354	6967	265	0.52625	0.03777	0.00565	0.002005
	ChIP-Seq	80	302301	6901	4318	0.49044	0.01436	-0.00329	0.01146
CGP-DSSPD-NR5-EXE5	STRING	3	306527	6936	134	0.57556	0.14092	-3e-05	0.000432
	NonSpecific	5	306387	6934	274	0.52596	0.03673	-0.00085	0.000721
	ChIP-Seq	107	302370	6832	4291	0.49128	0.01461	0.00179	0.01542
CGP-DSSPD-NR10-EXE1	STRING	0	312199	1264	137	0.57539	0	-0.00133	0.0
	NonSpecific	2	312059	1262	277	0.52558	0.0355	0.00148	0.001582
	ChIP-Seq	20	307857	1345	4378	0.49153	0.0147	0.00035	0.014652
CGP-DSSPD-NR10-EXE2	STRING	1	312151	1312	136	0.57539	0.13933	0.00101	0.000762
	NonSpecific	1	312009	1312	278	0.52516	0.03426	-0.00028	0.000762
	ChIP-Seq	25	307862	1340	4373	0.49228	0.01486	0.00241	0.018315
CGP-DSSPD-NR10-EXE3	STRING	0	312205	1258	137	0.57539	0	-0.00133	0.0
	NonSpecific	0	312063	1258	279	0.52477	0	-0.00189	0.0
	ChIP-Seq	20	307905	1297	4378	0.49263	0.01494	0.00064	0.015186
CGP-DSSPD-NR10-EXE4	STRING	3	312179	1284	134	0.5753	0.13856	0.00582	0.002331
	NonSpecific	4	312038	1283	275	0.5261	0.03338	0.00478	0.003108
	ChIP-Seq	6	307879	1323	4392	0.49123	0.01477	-0.00528	0.004515
CGP-DSSPD-NR10-EXE5	STRING	2	312054	1409	135	0.57487	0.1349	0.00315	0.001417
	NonSpecific	3	311913	1408	276	0.52563	0.03233	0.00279	0.002126
	ChIP-Seq	15	307717	1485	4383	0.49068	0.01473	-0.00237	0.01
CGP-KM-BKM-NR10-EXE1	STRING	3	312575	888	134	0.5747	0.13351	0.00749	0.003367
	NonSpecific	2	312432	889	277	0.52529	0.03166	0.00243	0.002245
	ChIP-Seq	46	303931	5271	4352	0.48812	0.01453	-0.006	0.008651
CGP-KM-BKM-NR10-EXE2	STRING	1	312458	1005	136	0.57461	0.13284	0.00151	0.000994
	NonSpecific	1	312316	1005	278	0.52517	0.03143	0.0002	0.000994
	ChIP-Seq	54	306168	3034	4344	0.48968	0.0148	0.00294	0.017487
CGP-KM-BKM-NR10-EXE3	STRING	2	312458	1005	135	0.57461	0.13284	0.00421	0.001986
	NonSpecific	1	312315	1006	278	0.52508	0.03127	0.0002	0.000993
	ChIP-Seq	41	306062	3140	4357	0.4896	0.01484	-0.00098	0.012889
CGP-KM-BKM-NR10-EXE4	STRING	2	312528	935	135	0.57461	0.13284	0.00445	0.002134
	NonSpecific	1	312385	936	278	0.52505	0.03121	0.00033	0.001067
	ChIP-Seq	57	305156	4046	4341	0.49041	0.01501	-0.00013	0.013892
CGP-KM-BKM-NR10-EXE5	STRING	2	312428	1035	135	0.57461	0.13284	0.00411	0.001929
	NonSpecific	2	312286	1035	277	0.52496	0.03106	0.00201	0.001929
	ChIP-Seq	43	305632	3570	4355	0.49008	0.01505	-0.00195	0.011901
CGP-KM-DSSPD-NR10-EXE1	STRING	2	312169	1294	135	0.57825	0.13679	0.00341	0.001543
	NonSpecific	4	312029	1292	275	0.5264	0.03148	0.00475	0.003086
	ChIP-Seq	24	307803	1399	4374	0.49084	0.01514	0.00163	0.016866
CGP-KM-DSSPD-NR10-EXE2	STRING	0	312207	1256	137	0.57808	0	-0.00133	0.0
	NonSpecific	0	312065	1256	279	0.52606	0	-0.00189	0.0
	ChIP-Seq	18	307847	1355	4380	0.49108	0.01518	-0.00052	0.01311
CGP-KM-DSSPD-NR10-EXE3	STRING	1	312216	1247	136	0.57791	0.13412	0.0011	0.000801
	NonSpecific	4	312077	1244	275	0.52733	0.03106	0.00491	0.003205
	ChIP-Seq	20	307803	1399	4378	0.49102	0.01518	4e-05	0.014094
CGP-KM-DSSPD-NR10-EXE4	STRING	0	312238	1225	137	0.57782	0	-0.00131	0.0
	NonSpecific	0	312096	1225	279	0.52699	0	-0.00187	0.0
	ChIP-Seq	18	307853	1349	4380	0.49069	0.01515	-0.00048	0.013168
CGP-KM-DSSPD-NR10-EXE5	STRING	1	312230	1233	136	0.57765	0.13222	0.00112	0.00081
	NonSpecific	3	312090	1231	276	0.52663	0.03005	0.00325	0.002431
	ChIP-Seq	32	307850	1352	4366	0.49243	0.01533	0.00515	0.023121

Tabela 29: Tabular results for hESC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	0	999149	426	425	0.49984	0	-0.00043	0.0
	NonSpecific	0	998528	740	732	0.49996	0	-0.00074	0.0
	ChIP-Seq	8	995770	2116	2106	0.50122	0.00713	0.00166	0.003752
GENIE3	STRING	0	999150	425	425	0.49975	0	-0.00042	0.0
	NonSpecific	0	998529	739	732	0.49972	0	-0.00074	0.0
	ChIP-Seq	15	995771	2115	2099	0.50333	0.00904	0.00496	0.007039
GRNBOOST2	STRING	0	999150	425	425	0.49957	0	-0.00042	0.0
	NonSpecific	0	998529	739	732	0.49956	0	-0.00074	0.0
	ChIP-Seq	11	995770	2116	2103	0.50354	0.00836	0.00307	0.005162
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	0	999069	506	425	0.49934	0	-0.00046	0.0
	NonSpecific	9	981145	18123	723	0.49922	0.00146	-0.00118	0.000486
	ChIP-Seq	31	979785	18101	2083	0.50276	0.00589	-0.0012	0.001675
CGP-DSSPD-NR5-EXE2	STRING	0	999049	526	425	0.49926	0	-0.00047	0.0
	NonSpecific	5	980934	18334	727	0.49889	0.00146	-0.00232	0.000268
	ChIP-Seq	24	979570	18316	2091	0.50178	0.00477	-0.0024	0.001286
CGP-DSSPD-NR5-EXE3	STRING	0	999060	515	425	0.49914	0	-0.00047	0.0
	NonSpecific	14	981189	18079	718	0.4986	0.00146	0.00021	0.000758
	ChIP-Seq	33	979825	18061	2082	0.50115	0.00431	-0.00086	0.001788
CGP-DSSPD-NR5-EXE4	STRING	0	999056	519	425	0.49908	0	-0.00047	0.0
	NonSpecific	8	981776	17492	724	0.49836	0.00146	-0.00136	0.000448
	ChIP-Seq	22	980408	17478	2092	0.50149	0.00436	-0.00249	0.001233
CGP-DSSPD-NR5-EXE5	STRING	0	999084	491	425	0.49898	0	-0.00046	0.0
	NonSpecific	5	981128	18140	727	0.49813	0.00146	-0.00229	0.000271
	ChIP-Seq	24	979765	18121	2090	0.50135	0.00424	-0.00234	0.0013
CGP-DSSPD-NR10-EXE1	STRING	2	995954	3621	423	0.4989	0.00424	0.00037	0.00054
	NonSpecific	6	995651	3617	726	0.49784	0.00146	0.00206	0.00162
	ChIP-Seq	5	994268	3618	2109	0.50119	0.00415	-0.00096	0.00135
CGP-DSSPD-NR10-EXE2	STRING	2	995955	3620	423	0.49871	0.00424	0.00037	0.000542
	NonSpecific	0	995646	3622	732	0.49753	0	-0.00163	0.0
	ChIP-Seq	10	994274	3612	2104	0.50073	0.004	0.00085	0.002711
CGP-DSSPD-NR10-EXE3	STRING	0	996764	2811	425	0.49857	0	-0.0011	0.0
	NonSpecific	4	996461	2807	728	0.49718	0.00146	0.00136	0.001393
	ChIP-Seq	10	995085	2801	2104	0.50122	0.0041	0.00167	0.003482
CGP-DSSPD-NR10-EXE4	STRING	2	995751	3824	423	0.49846	0.00424	0.00029	0.000511
	NonSpecific	0	995442	3826	732	0.4969	0	-0.00168	0.0
	ChIP-Seq	4	994064	3822	2110	0.50078	0.00399	-0.00144	0.001022
CGP-DSSPD-NR10-EXE5	STRING	0	995761	3814	425	0.49825	0	-0.00128	0.0
	NonSpecific	4	995458	3810	728	0.49799	0.00205	0.00072	0.001027
	ChIP-Seq	12	994084	3802	2102	0.50111	0.00404	0.00139	0.003081
CGP-KM-BKM-NR10-EXE1	STRING	0	996729	2846	425	0.49802	0	-0.0011	0.0
	NonSpecific	0	996422	2846	732	0.49758	0	-0.00145	0.0
	ChIP-Seq	5	995045	2841	2109	0.50079	0.00397	-0.00042	0.001734
CGP-KM-BKM-NR10-EXE2	STRING	0	998986	589	425	0.49788	0	-0.0005	0.0
	NonSpecific	0	998340	928	732	0.49732	0	-0.00082	0.0
	ChIP-Seq	11	994780	3106	2103	0.50154	0.00408	0.00172	0.003453
CGP-KM-BKM-NR10-EXE3	STRING	0	998909	666	425	0.49775	0	-0.00053	0.0
	NonSpecific	0	997461	1807	732	0.49716	0	-0.00115	0.0
	ChIP-Seq	9	995770	2116	2105	0.50252	0.00422	0.00213	0.004206
CGP-KM-BKM-NR10-EXE4	STRING	1	996472	3103	424	0.49762	0.00424	-0.00028	0.000315
	NonSpecific	5	996169	3099	727	0.49762	0.00214	0.00181	0.001577
	ChIP-Seq	4	994786	3100	2110	0.50217	0.00415	-0.001	0.001262
CGP-KM-BKM-NR10-EXE5	STRING	0	997864	1711	425	0.4973	0	-0.00085	0.0
	NonSpecific	0	997557	1711	732	0.49731	0	-0.00112	0.0
	ChIP-Seq	3	993554	4332	2111	0.50174	0.00408	-0.00204	0.00068
CGP-KM-DSSPD-NR10-EXE1	STRING	0	998759	816	425	0.49697	0	-0.00059	0.0
	NonSpecific	0	998452	816	732	0.49696	0	-0.00077	0.0
	ChIP-Seq	7	994616	3270	2107	0.50181	0.00408	3e-05	0.0021
CGP-KM-DSSPD-NR10-EXE2	STRING	0	998721	854	425	0.49668	0	-0.0006	0.0
	NonSpecific	0	998414	854	732	0.49662	0	-0.00079	0.0
	ChIP-Seq	6	994506	3380	2108	0.50143	0.00402	-0.00043	0.001733
CGP-KM-DSSPD-NR10-EXE3	STRING	1	996909	2666	424	0.49633	0.00424	-0.00013	0.000367
	NonSpecific	2	996603	2665	730	0.49631	0.00198	3e-05	0.000734
	ChIP-Seq	5	995224	2662	2109	0.50126	0.004	-0.00027	0.001834
CGP-KM-DSSPD-NR10-EXE4	STRING	0	998621	954	425	0.4961	0	-0.00064	0.0
	NonSpecific	0	998314	954	732	0.49596	0	-0.00084	0.0
	ChIP-Seq	5	994637	3249	2109	0.50092	0.00396	-0.00072	0.001502
CGP-KM-DSSPD-NR10-EXE5	STRING	0	998673	902	425	0.49586	0	-0.00062	0.0
	NonSpecific	0	998366	902	732	0.49562	0	-0.00081	0.0
	ChIP-Seq	1	994398	3488	2113	0.50011	0.00387	-0.00235	0.000281

Tabela 30: Tabular results for hHep problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	6	997823	1064	1107	0.50177	0.01844	0.00441	0.005386
	NonSpecific	0	999419	286	295	0.49989	0	-0.00029	0.0
	ChIP-Seq	3	995822	2075	2100	0.49981	0.00284	-0.00066	0.001406
GENIE3	STRING	5	997779	1108	1108	0.50189	0.01365	0.00338	0.004492
	NonSpecific	0	999408	297	295	0.49974	0	-0.0003	0.0
	ChIP-Seq	1	995765	2132	2102	0.49924	0.00236	-0.00165	0.000469
GRNBOOST2	STRING	7	997782	1105	1106	0.50232	0.0137	0.00519	0.006289
	NonSpecific	0	999408	297	295	0.49967	0	-0.0003	0.0
	ChIP-Seq	4	995771	2126	2099	0.4997	0.00288	-0.00023	0.001875
SINCERITIES	STRING	1	997792	1095	1112	0.50238	0.01327	-0.0002	0.000898
	NonSpecific	0	999411	294	295	0.49941	0	-0.0003	0.0
	ChIP-Seq	2	995797	2100	2101	0.49925	0.00271	-0.00115	0.000937
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	24	980906	17981	1089	0.50228	0.0126	0.00089	0.0013
	NonSpecific	0	999290	415	295	0.49925	0	-0.00035	0.0
	ChIP-Seq	75	979966	17931	2029	0.5013	0.00372	0.00609	0.004062
CGP-DSSPD-NR5-EXE2	STRING	21	980602	18285	1092	0.50174	0.01158	0.00014	0.001119
	NonSpecific	0	999262	443	295	0.49919	0	-0.00036	0.0
	ChIP-Seq	66	979656	18241	2038	0.50184	0.00379	0.00447	0.003518
CGP-DSSPD-NR5-EXE3	STRING	24	980155	18732	1089	0.50171	0.01135	0.00069	0.001248
	NonSpecific	1	999288	417	294	0.49914	0.00334	0.0025	0.002273
	ChIP-Seq	41	979181	18716	2063	0.50192	0.00371	0.00025	0.002132
CGP-DSSPD-NR5-EXE4	STRING	25	980489	18398	1088	0.50211	0.01154	0.001	0.001325
	NonSpecific	0	999286	419	295	0.49912	0	-0.00035	0.0
	ChIP-Seq	34	979508	18389	2069	0.50198	0.00365	-0.00077	0.001802
CGP-DSSPD-NR5-EXE5	STRING	24	980266	18621	1089	0.50203	0.0113	0.00072	0.001256
	NonSpecific	0	999268	437	295	0.49906	0	-0.00036	0.0
	ChIP-Seq	33	979283	18614	2072	0.50181	0.00355	-0.00101	0.001727
CGP-DSSPD-NR10-EXE1	STRING	6	995110	3777	1107	0.50213	0.01128	0.00087	0.001549
	NonSpecific	2	995924	3781	293	0.49898	0.00334	0.00084	0.000516
	ChIP-Seq	6	994120	3777	2097	0.5011	0.00337	-0.00069	0.001549
CGP-DSSPD-NR10-EXE2	STRING	5	994811	4076	1108	0.50172	0.01087	0.00021	0.001194
	NonSpecific	0	999416	289	295	0.49894	0	-0.00029	0.0
	ChIP-Seq	8	993824	4073	2095	0.50092	0.00331	-0.0002	0.00191
CGP-DSSPD-NR10-EXE3	STRING	3	997350	1537	1110	0.50173	0.0108	0.00098	0.001886
	NonSpecific	0	999041	664	295	0.49888	0	-0.00044	0.0
	ChIP-Seq	15	992388	5509	2088	0.50145	0.00338	0.001	0.002641
CGP-DSSPD-NR10-EXE4	STRING	4	995180	3707	1109	0.50221	0.01105	-6e-05	0.001043
	NonSpecific	2	995996	3709	293	0.4988	0.00334	0.00087	0.000521
	ChIP-Seq	22	994208	3689	2081	0.50172	0.00341	0.0051	0.005735
CGP-DSSPD-NR10-EXE5	STRING	2	995081	3806	1111	0.50179	0.01071	-0.00109	0.000513
	NonSpecific	2	995899	3806	293	0.49871	0.00334	0.00083	0.000513
	ChIP-Seq	14	994103	3794	2089	0.50297	0.00356	0.00212	0.003588
CGP-KM-BKM-NR10-EXE1	STRING	3	996593	2294	1110	0.50196	0.01078	0.00028	0.001276
	NonSpecific	0	997408	2297	295	0.49856	0	-0.00082	0.0
	ChIP-Seq	0	995600	2297	2103	0.50187	0	-0.0022	0.0
CGP-KM-BKM-NR10-EXE2	STRING	3	997021	1866	1110	0.5017	0.01059	0.00064	0.00159
	NonSpecific	0	997836	1869	295	0.49853	0	-0.00074	0.0
	ChIP-Seq	0	995547	2350	2103	0.5011	0	-0.00223	0.0
CGP-KM-BKM-NR10-EXE3	STRING	2	997308	1579	1111	0.50122	0.01027	0.00018	0.001254
	NonSpecific	0	998124	1581	295	0.49842	0	-0.00068	0.0
	ChIP-Seq	0	995747	2150	2103	0.50047	0	-0.00213	0.0
CGP-KM-BKM-NR10-EXE4	STRING	5	996778	2109	1108	0.50091	0.01009	0.00173	0.002336
	NonSpecific	0	997591	2114	295	0.49838	0	-0.00079	0.0
	ChIP-Seq	0	995783	2114	2103	0.49995	0	-0.00211	0.0
CGP-KM-BKM-NR10-EXE5	STRING	5	996241	2646	1108	0.50054	0.00988	0.0012	0.001856
	NonSpecific	0	997054	2651	295	0.49829	0	-0.00089	0.0
	ChIP-Seq	0	995246	2651	2103	0.49933	0	-0.00237	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	5	996054	2833	1108	0.49979	0.00951	0.00104	0.001709
	NonSpecific	0	996867	2838	295	0.49815	0	-0.00092	0.0
	ChIP-Seq	6	995065	2832	2097	0.49905	0.00305	1e-05	0.002051
CGP-KM-DSSPD-NR10-EXE2	STRING	4	995239	3648	1109	0.49999	0.00962	-3e-05	0.001062
	NonSpecific	2	996055	3650	293	0.49803	0.00334	0.00089	0.000531
	ChIP-Seq	4	994249	3648	2099	0.49874	0.00303	-0.00133	0.001062
CGP-KM-DSSPD-NR10-EXE3	STRING	0	997571	1316	1113	0.49989	0	-0.00121	0.0
	NonSpecific	0	998389	1316	295	0.49798	0	-0.00062	0.0
	ChIP-Seq	10	993848	4049	2093	0.49811	0.00298	0.0005	0.0024
CGP-KM-DSSPD-NR10-EXE4	STRING	3	996021	2866	1110	0.50023	0.00971	-0.00011	0.001006
	NonSpecific	2	996838	2867	293	0.49792	0.00334	0.00126	0.00067
	ChIP-Seq	0	995028	2869	2103	0.49713	0	-0.00246	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	7	994063	4824	1106	0.50007	0.00965	0.0007	0.001412
	NonSpecific	0	994874	4831	295	0.49788	0	-0.0012	0.0
	ChIP-Seq	11	993077	4820	2092	0.49808	0.00299	0.00026	0.002219

Tabela 31: Tabular results for mDC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	6	998307	844	843	0.50293	0.04438	0.00622	0.007059
	NonSpecific	0	998980	510	510	0.49961	0	-0.00051	0.0
	ChIP-Seq	1	999381	309	309	0.50147	0.0273	0.00292	0.003226
GENIE3	STRING	1	998303	848	848	0.50299	0.03118	0.00033	0.001178
	NonSpecific	1	998981	509	509	0.50031	0.0085	0.00145	0.001961
	ChIP-Seq	0	999380	310	310	0.50131	0	-0.00031	0.0
GRNBOOST2	STRING	2	998304	847	847	0.50338	0.03008	0.00151	0.002356
	NonSpecific	0	998980	510	510	0.50018	0	-0.00051	0.0
	ChIP-Seq	0	999380	310	310	0.50124	0	-0.00031	0.0
SINCERITIES	STRING	0	998348	803	849	0.50284	0	-0.00083	0.0
	NonSpecific	0	999006	484	510	0.50014	0	-0.0005	0.0
	ChIP-Seq	0	999396	294	310	0.50099	0	-0.0003	0.0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	15	977839	21312	834	0.50261	0.02186	-0.00074	0.000703
	NonSpecific	10	978173	21317	500	0.4999	0.00659	-0.00027	0.000469
	ChIP-Seq	7	978370	21320	303	0.50077	0.00662	0.00015	0.000328
CGP-DSSPD-NR5-EXE2	STRING	15	978026	21125	834	0.50409	0.02488	-0.0007	0.00071
	NonSpecific	8	978358	21132	502	0.50067	0.00867	-0.00086	0.000378
	ChIP-Seq	5	978555	21135	305	0.50058	0.00583	-0.00061	0.000237
CGP-DSSPD-NR5-EXE3	STRING	17	978200	20951	832	0.50431	0.02397	-0.00019	0.000811
	NonSpecific	10	978532	20958	500	0.50043	0.00786	-0.00021	0.000477
	ChIP-Seq	7	978729	20961	303	0.50037	0.00526	0.0002	0.000334
CGP-DSSPD-NR5-EXE4	STRING	17	978399	20752	832	0.50463	0.02377	-0.00015	0.000819
	NonSpecific	13	978734	20756	497	0.50026	0.0074	0.00075	0.000626
	ChIP-Seq	9	978930	20760	301	0.50012	0.00477	0.00102	0.000433
CGP-DSSPD-NR5-EXE5	STRING	17	978678	20473	832	0.50446	0.02287	-0.0001	0.00083
	NonSpecific	7	979007	20483	503	0.50007	0.00702	-0.00108	0.000342
	ChIP-Seq	8	979208	20482	302	0.49991	0.00446	0.00066	0.00039
CGP-DSSPD-NR10-EXE1	STRING	9	995224	3927	840	0.50404	0.02109	0.0031	0.002287
	NonSpecific	3	995557	3933	507	0.49988	0.00669	0.0007	0.000762
	ChIP-Seq	1	995755	3935	309	0.49972	0.00425	-0.0002	0.000254
CGP-DSSPD-NR10-EXE2	STRING	7	994798	4353	842	0.50429	0.0209	0.00172	0.001606
	NonSpecific	4	995134	4356	506	0.4997	0.00644	0.00119	0.000917
	ChIP-Seq	1	995331	4359	309	0.49955	0.00409	-0.0003	0.000229
CGP-DSSPD-NR10-EXE3	STRING	2	995051	4100	847	0.50445	0.02047	-0.0008	0.000488
	NonSpecific	1	995389	4101	509	0.5005	0.00759	-0.00076	0.000244
	ChIP-Seq	0	995588	4102	310	0.49938	0	-0.00113	0.0
CGP-DSSPD-NR10-EXE4	STRING	3	994705	4446	846	0.50413	0.01956	-0.0004	0.000674
	NonSpecific	3	995044	4446	507	0.50026	0.00722	0.00049	0.000674
	ChIP-Seq	0	995241	4449	310	0.49928	0	-0.00118	0.0
CGP-DSSPD-NR10-EXE5	STRING	1	994980	4171	848	0.50372	0.01857	-0.00135	0.00024
	NonSpecific	3	995321	4169	507	0.50004	0.00693	0.0006	0.000719
	ChIP-Seq	3	995521	4169	307	0.49911	0.00379	0.0015	0.000719
CGP-KM-BKM-NR10-EXE1	STRING	0	997719	1432	849	0.50314	0	-0.0011	0.0
	NonSpecific	0	998058	1432	510	0.4999	0	-0.00085	0.0
	ChIP-Seq	0	998258	1432	310	0.49893	0	-0.00067	0.0
CGP-KM-BKM-NR10-EXE2	STRING	0	998191	960	849	0.50284	0	-0.0009	0.0
	NonSpecific	0	998530	960	510	0.49972	0	-0.0007	0.0
	ChIP-Seq	0	998730	960	310	0.49878	0	-0.00055	0.0
CGP-KM-BKM-NR10-EXE3	STRING	0	997708	1443	849	0.50217	0	-0.00111	0.0
	NonSpecific	0	998047	1443	510	0.49967	0	-0.00086	0.0
	ChIP-Seq	0	998247	1443	310	0.49873	0	-0.00067	0.0
CGP-KM-BKM-NR10-EXE4	STRING	1	997759	1392	848	0.5027	0.01641	-0.00017	0.000718
	NonSpecific	0	998097	1393	510	0.49934	0	-0.00084	0.0
	ChIP-Seq	0	998297	1393	310	0.49848	0	-0.00066	0.0
CGP-KM-BKM-NR10-EXE5	STRING	1	996410	2741	848	0.50213	0.01569	-0.00087	0.000365
	NonSpecific	3	996751	2739	507	0.49924	0.00618	0.00136	0.001094
	ChIP-Seq	0	996948	2742	310	0.49831	0	-0.00092	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	4	995437	3714	845	0.50247	0.01594	0.00048	0.001076
	NonSpecific	3	995775	3715	507	0.50005	0.00693	0.0008	0.000807
	ChIP-Seq	3	995975	3715	307	0.49978	0.00449	0.00172	0.000807
CGP-KM-DSSPD-NR10-EXE2	STRING	7	995701	3450	842	0.50273	0.01609	0.00238	0.002025
	NonSpecific	3	996036	3454	507	0.49992	0.00681	0.00093	0.000868
	ChIP-Seq	1	996234	3456	309	0.49959	0.00438	-7e-05	0.000289
CGP-KM-DSSPD-NR10-EXE3	STRING	3	995572	3579	846	0.50237	0.0157	-2e-05	0.000838
	NonSpecific	2	995910	3580	508	0.49978	0.0067	0.00013	0.000558
	ChIP-Seq	1	996109	3581	309	0.49944	0.0043	-0.00011	0.000279
CGP-KM-DSSPD-NR10-EXE4	STRING	6	995412	3739	843	0.50208	0.01543	0.00159	0.001602
	NonSpecific	1	995746	3744	509	0.50058	0.00734	-0.00066	0.000267
	ChIP-Seq	1	995946	3744	309	0.49929	0.00422	-0.00015	0.000267
CGP-KM-DSSPD-NR10-EXE5	STRING	7	995400	3751	842	0.50355	0.01655	0.00214	0.001863
	NonSpecific	6	995738	3752	504	0.50041	0.00719	0.00296	0.001597
	ChIP-Seq	2	995934	3756	308	0.50074	0.00508	0.00077	0.000532



Tabela 32: Tabular results for mESC problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	5	998593	701	701	0.50313	0.06178	0.00638	0.007082
	NonSpecific	0	997683	1160	1157	0.49981	0	-0.00116	0.0
	ChIP-Seq	190	977798	11006	11006	0.50356	0.02519	0.00584	0.01697
GENIE3	STRING	21	998609	685	685	0.51357	0.07868	0.02906	0.029745
	NonSpecific	10	997696	1147	1147	0.50349	0.01435	0.00749	0.008643
	ChIP-Seq	293	977901	10903	10903	0.50712	0.02465	0.01514	0.02617
GRNBOOST2	STRING	21	998609	685	685	0.51875	0.08156	0.02906	0.029745
	NonSpecific	11	997697	1146	1146	0.50523	0.01446	0.00836	0.009507
	ChIP-Seq	288	977896	10908	10908	0.50859	0.02495	0.01469	0.025723
SINCERITIES	STRING	1	998602	692	705	0.51875	0.06569	0.00073	0.001416
	NonSpecific	3	997714	1129	1154	0.50582	0.01179	0.00148	0.002593
	ChIP-Seq	120	978117	10687	11076	0.50896	0.02359	-9e-05	0.010718
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	15	979574	19720	691	0.51843	0.06035	0.00029	0.00076
	NonSpecific	22	979130	19713	1135	0.50528	0.00985	-0.00018	0.001115
	ChIP-Seq	198	969267	19537	10998	0.5079	0.02218	-0.00157	0.010033
CGP-DSSPD-NR5-EXE2	STRING	13	980044	19250	693	0.5181	0.05575	-0.00016	0.000675
	NonSpecific	29	979609	19234	1128	0.5056	0.00925	0.00144	0.001505
	ChIP-Seq	224	969765	19039	10972	0.50794	0.02164	0.00058	0.011629
CGP-DSSPD-NR5-EXE3	STRING	12	979718	19576	694	0.51794	0.05389	-0.0005	0.000613
	NonSpecific	18	979273	19570	1139	0.5051	0.00833	-0.00099	0.000919
	ChIP-Seq	234	969450	19354	10962	0.50827	0.0214	0.00101	0.011946
CGP-DSSPD-NR5-EXE4	STRING	23	979474	19820	683	0.51758	0.05015	0.00243	0.001159
	NonSpecific	31	979031	19812	1126	0.5046	0.00765	0.0017	0.001562
	ChIP-Seq	204	969165	19639	10992	0.50747	0.02096	-0.00124	0.010281
CGP-DSSPD-NR5-EXE5	STRING	12	980812	18482	694	0.51872	0.05007	-0.0003	0.000649
	NonSpecific	18	980367	18476	1139	0.50537	0.00775	-0.00074	0.000973
	ChIP-Seq	221	970531	18273	10975	0.50732	0.02076	0.00098	0.01195
CGP-DSSPD-NR10-EXE1	STRING	2	995287	4007	704	0.51908	0.04842	-0.00049	0.000499
	NonSpecific	1	994835	4008	1156	0.5049	0.00728	-0.00169	0.000249
	ChIP-Seq	82	981191	7613	11114	0.50736	0.02068	-0.00045	0.010656
CGP-DSSPD-NR10-EXE2	STRING	3	995475	3819	703	0.51946	0.04706	0.00018	0.000785
	NonSpecific	5	995026	3817	1152	0.50433	0.00681	0.00028	0.001308
	ChIP-Seq	221	973589	15215	10975	0.50893	0.02089	0.00371	0.014317
CGP-DSSPD-NR10-EXE3	STRING	1	995341	3953	705	0.51902	0.04432	-0.00108	0.000253
	NonSpecific	2	994891	3952	1155	0.50464	0.00678	-0.00121	0.000506
	ChIP-Seq	100	977286	11518	11096	0.50768	0.02052	-0.00267	0.008607
CGP-DSSPD-NR10-EXE4	STRING	2	995232	4062	704	0.51935	0.04313	-0.00051	0.000492
	NonSpecific	8	994787	4056	1149	0.505	0.00678	0.00153	0.001969
	ChIP-Seq	130	976957	11847	11066	0.50724	0.02036	-0.00036	0.010854
CGP-DSSPD-NR10-EXE5	STRING	1	995439	3855	705	0.51974	0.04247	-0.00105	0.000259
	NonSpecific	2	994989	3854	1155	0.50444	0.00646	-0.00117	0.000519
	ChIP-Seq	142	977378	11426	11054	0.50793	0.02041	0.00111	0.012275
CGP-KM-BKM-NR10-EXE1	STRING	0	998429	865	706	0.5195	0	-0.00078	0.0
	NonSpecific	2	994044	4799	1155	0.50381	0.00615	-0.00151	0.000417
	ChIP-Seq	104	977488	11316	11092	0.50699	0.02016	-0.00213	0.009107
CGP-KM-BKM-NR10-EXE2	STRING	2	998323	971	704	0.52078	0.04244	0.00159	0.002055
	NonSpecific	6	993767	5076	1151	0.50439	0.0063	5e-05	0.001181
	ChIP-Seq	117	978145	10659	11079	0.50699	0.02013	-0.00034	0.010857
CGP-KM-BKM-NR10-EXE3	STRING	0	998347	947	706	0.5207	0	-0.00082	0.0
	NonSpecific	10	993583	5260	1147	0.50536	0.00656	0.00159	0.001898
	ChIP-Seq	133	979232	9572	11063	0.50795	0.02021	0.00236	0.013704
CGP-KM-BKM-NR10-EXE4	STRING	2	997515	1779	704	0.52129	0.04237	0.00066	0.001123
	NonSpecific	2	997064	1779	1155	0.50551	0.00656	-4e-05	0.001123
	ChIP-Seq	110	979876	8928	11086	0.50849	0.02023	0.00089	0.012171
CGP-KM-BKM-NR10-EXE5	STRING	1	998470	824	705	0.52121	0.04202	0.00055	0.001212
	NonSpecific	7	994777	4066	1150	0.50534	0.00648	0.00106	0.001719
	ChIP-Seq	117	975769	13035	11079	0.5078	0.02011	-0.00252	0.008896
CGP-KM-DSSPD-NR10-EXE1	STRING	4	995208	4086	702	0.52286	0.0424	0.00066	0.000978
	NonSpecific	2	994755	4088	1155	0.50501	0.0063	-0.00126	0.000489
	ChIP-Seq	66	980875	7929	11130	0.50693	0.01994	-0.00251	0.008255
CGP-KM-DSSPD-NR10-EXE2	STRING	1	997100	2194	705	0.52332	0.04215	-0.00044	0.000456
	NonSpecific	1	996649	2194	1156	0.50496	0.00624	-0.00097	0.000456
	ChIP-Seq	83	979086	9718	11113	0.5062	0.01981	-0.00258	0.008469
CGP-KM-DSSPD-NR10-EXE3	STRING	0	996826	2468	706	0.52273	0	-0.00132	0.0
	NonSpecific	3	996378	2465	1154	0.50507	0.00619	9e-05	0.001216
	ChIP-Seq	108	977076	11728	11088	0.50536	0.01974	-0.00215	0.009125
CGP-KM-DSSPD-NR10-EXE4	STRING	1	994954	4340	705	0.52291	0.03909	-0.00118	0.00023
	NonSpecific	3	994505	4338	1154	0.50482	0.00608	-0.0009	0.000691
	ChIP-Seq	76	980679	8125	11120	0.50473	0.01966	-0.00167	0.009267
CGP-KM-DSSPD-NR10-EXE5	STRING	4	996869	2425	702	0.52367	0.03844	0.00175	0.001647
	NonSpecific	2	996416	2427	1155	0.50515	0.00612	-0.00048	0.000823
	ChIP-Seq	56	982657	6147	11140	0.50446	0.01963	-0.00163	0.009028

Tabela 33: Tabular results for mHSC-E problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	38	998555	704	703	0.52298	0.0702	0.05054	0.051213
	NonSpecific	17	998649	667	667	0.51152	0.04245	0.02419	0.024854
	ChIP-Seq	33	985730	7119	7118	0.49879	0.0069	-0.00255	0.004614
GENIE3	STRING	16	998534	725	725	0.52321	0.0523	0.02087	0.021592
	NonSpecific	9	998641	675	675	0.51312	0.03124	0.01248	0.013158
	ChIP-Seq	7	985705	7144	7144	0.49679	0.00547	-0.00622	0.000979
GRNBOOST2	STRING	18	998536	723	723	0.52259	0.04885	0.02357	0.024291
	NonSpecific	13	998645	671	671	0.51286	0.02854	0.01833	0.019006
	ChIP-Seq	11	985709	7140	7140	0.49573	0.00559	-0.00565	0.001538
SINCERITIES	STRING	1	998529	730	740	0.52293	0.0473	0.00062	0.00135
	NonSpecific	0	998642	674	684	0.51246	0	-0.00068	0.0
	ChIP-Seq	36	985836	7013	7115	0.49485	0.00608	-0.00204	0.005034
PPCOR	STRING	0	998517	742	741	0.52145	0	-0.00074	0.0
	NonSpecific	2	998634	682	682	0.51154	0.02005	0.00224	0.002924
	ChIP-Seq	51	985748	7101	7100	0.4939	0.00595	-2e-05	0.007131
CGP-DSSPD-NR5-EXE1	STRING	10	981935	17324	731	0.5209	0.03755	-0.0008	0.000577
	NonSpecific	12	981994	17322	672	0.51201	0.01968	4e-05	0.000692
	ChIP-Seq	107	975622	17227	7044	0.49322	0.00614	-0.00154	0.006173
CGP-DSSPD-NR5-EXE2	STRING	9	980396	18863	732	0.52174	0.03707	-0.00135	0.000477
	NonSpecific	16	980460	18856	668	0.51237	0.01907	0.00087	0.000848
	ChIP-Seq	106	974083	18766	7045	0.49209	0.00617	-0.00252	0.005617
CGP-DSSPD-NR5-EXE3	STRING	8	980174	19085	733	0.52129	0.03577	-0.00165	0.000419
	NonSpecific	8	980231	19085	676	0.51205	0.01827	-0.00141	0.000419
	ChIP-Seq	121	973877	18972	7030	0.49208	0.00636	-0.00135	0.006337
CGP-DSSPD-NR5-EXE4	STRING	15	979974	19285	726	0.52086	0.03467	0.00019	0.000777
	NonSpecific	19	980035	19281	665	0.51251	0.01809	0.00161	0.000984
	ChIP-Seq	152	973701	19148	6999	0.49274	0.0066	0.00121	0.007876
CGP-DSSPD-NR5-EXE5	STRING	13	979936	19323	728	0.52121	0.03437	-0.00035	0.000672
	NonSpecific	11	979991	19325	673	0.51223	0.0175	-0.00062	0.000569
	ChIP-Seq	116	973629	19220	7035	0.49231	0.00664	-0.00192	0.005999
CGP-DSSPD-NR10-EXE1	STRING	4	995170	4089	737	0.52216	0.03442	0.00056	0.000977
	NonSpecific	1	995224	4092	683	0.51197	0.01703	-0.00108	0.000244
	ChIP-Seq	60	984958	7891	7091	0.49258	0.00677	0.00042	0.007546
CGP-DSSPD-NR10-EXE2	STRING	5	995395	3864	736	0.52311	0.03449	0.00126	0.001292
	NonSpecific	1	995448	3868	683	0.5117	0.01657	-0.00101	0.000258
	ChIP-Seq	33	985106	7743	7118	0.49084	0.00665	-0.00305	0.004244
CGP-DSSPD-NR10-EXE3	STRING	3	995311	3948	738	0.52274	0.03372	4e-05	0.000759
	NonSpecific	2	995367	3949	682	0.51134	0.01604	-0.00043	0.000506
	ChIP-Seq	62	984981	7868	7089	0.49042	0.00668	0.00071	0.007818
CGP-DSSPD-NR10-EXE4	STRING	2	995416	3843	739	0.523	0.03335	-0.0005	0.00052
	NonSpecific	2	995473	3843	682	0.51171	0.0159	-0.00039	0.00052
	ChIP-Seq	117	977821	15028	7034	0.49059	0.00676	0.00085	0.007725
CGP-DSSPD-NR10-EXE5	STRING	4	994206	5053	737	0.52324	0.03297	0.00013	0.000791
	NonSpecific	4	994263	5053	680	0.5114	0.01553	0.00029	0.000791
	ChIP-Seq	43	985232	7617	7108	0.49003	0.00676	-0.0016	0.005614
CGP-KM-BKM-NR10-EXE1	STRING	2	998308	951	739	0.52415	0.03304	0.00154	0.002099
	NonSpecific	1	998364	952	683	0.51179	0.01547	0.00043	0.001049
	ChIP-Seq	47	984609	8240	7104	0.48837	0.00668	-0.00161	0.005672
CGP-KM-BKM-NR10-EXE2	STRING	6	995814	3445	735	0.52573	0.03349	0.00216	0.001739
	NonSpecific	2	995867	3449	682	0.51222	0.01547	-0.00023	0.00058
	ChIP-Seq	39	986923	5926	7112	0.48829	0.00671	-0.00056	0.006538
CGP-KM-BKM-NR10-EXE3	STRING	1	998325	934	740	0.52562	0.03331	0.00037	0.00107
	NonSpecific	1	998382	934	683	0.51207	0.01532	0.00045	0.00107
	ChIP-Seq	60	985679	7170	7091	0.48802	0.00673	0.00116	0.008299
CGP-KM-BKM-NR10-EXE4	STRING	1	997584	1675	740	0.52538	0.03293	-0.00022	0.000597
	NonSpecific	1	997641	1675	683	0.51181	0.01507	-0.00014	0.000597
	ChIP-Seq	28	984257	8592	7123	0.48633	0.00665	-0.00432	0.003248
CGP-KM-BKM-NR10-EXE5	STRING	1	998188	1071	740	0.52532	0.03284	0.00023	0.000933
	NonSpecific	1	998245	1071	683	0.51171	0.01498	0.00031	0.000933
	ChIP-Seq	14	985570	7279	7137	0.48429	0.00656	-0.00532	0.00192
CGP-KM-DSSPD-NR10-EXE1	STRING	0	997283	1976	741	0.5251	0	-0.00121	0.0
	NonSpecific	1	997341	1975	683	0.51156	0.01485	-0.0003	0.000506
	ChIP-Seq	19	987500	5349	7132	0.48306	0.00651	-0.00315	0.003539
CGP-KM-DSSPD-NR10-EXE2	STRING	0	998503	756	741	0.52506	0	-0.00075	0.0
	NonSpecific	0	998582	734	684	0.51138	0	-0.00071	0.0
	ChIP-Seq	48	983682	9167	7103	0.48229	0.00651	-0.00222	0.005209
CGP-KM-DSSPD-NR10-EXE3	STRING	5	995599	3660	736	0.52496	0.03229	0.00139	0.001364
	NonSpecific	0	995651	3665	684	0.51119	0	-0.00159	0.0
	ChIP-Seq	20	988993	3856	7131	0.48177	0.0065	-0.00147	0.00516
CGP-KM-DSSPD-NR10-EXE4	STRING	0	998507	752	741	0.52482	0	-0.00075	0.0
	NonSpecific	0	998605	711	684	0.51105	0	-0.0007	0.0
	ChIP-Seq	58	983518	9331	7093	0.48134	0.00652	-0.00112	0.006177
CGP-KM-DSSPD-NR10-EXE5	STRING	0	998514	745	741	0.52472	0	-0.00074	0.0
	NonSpecific	0	998571	745	684	0.51087	0	-0.00071	0.0
	ChIP-Seq	42	986157	6692	7109	0.48077	0.00653	-0.00089	0.006237

Tabela 34: Tabular results for mHSC-GM problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	24	998265	856	855	0.51119	0.04148	0.02643	0.027273
	NonSpecific	14	998575	706	705	0.50891	0.03721	0.01875	0.019444
	ChIP-Seq	65	983733	8101	8101	0.49988	0.00917	-0.00021	0.00796
GENIE3	STRING	33	998275	846	846	0.52307	0.04988	0.0367	0.037543
	NonSpecific	11	998573	708	708	0.51267	0.03511	0.01459	0.015299
	ChIP-Seq	44	983712	8122	8122	0.499	0.00824	-0.0028	0.005388
GRNBOOST2	STRING	39	998281	840	840	0.52833	0.0531	0.04353	0.044369
	NonSpecific	15	998577	704	704	0.51595	0.03637	0.02016	0.020862
	ChIP-Seq	57	983725	8109	8109	0.49871	0.00826	-0.0012	0.00698
SINCERITIES	STRING	0	998245	876	879	0.52815	0	-0.00088	0.0
	NonSpecific	0	998565	716	719	0.51587	0	-0.00072	0.0
	ChIP-Seq	56	983790	8044	8110	0.49806	0.0083	-0.00126	0.006858
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	19	986846	12275	860	0.52843	0.04979	0.00251	0.001545
	NonSpecific	10	986997	12284	709	0.51614	0.02959	0.00039	0.000813
	ChIP-Seq	73	979613	12221	8093	0.49683	0.00814	-0.00276	0.005938
CGP-DSSPD-NR5-EXE2	STRING	9	987025	12096	870	0.52794	0.04628	-0.00051	0.000743
	NonSpecific	9	987185	12096	710	0.51636	0.02576	0.0001	0.000743
	ChIP-Seq	117	979846	11988	8049	0.49804	0.00862	0.00184	0.009665
CGP-DSSPD-NR5-EXE3	STRING	16	986959	12162	863	0.52767	0.04463	0.00163	0.001314
	NonSpecific	12	987115	12166	707	0.51665	0.0236	0.0011	0.000985
	ChIP-Seq	120	979776	12058	8046	0.49931	0.00895	0.00208	0.009854
CGP-DSSPD-NR5-EXE4	STRING	12	985145	13976	867	0.52784	0.04305	-9e-05	0.000858
	NonSpecific	16	985309	13972	703	0.51683	0.0215	0.00189	0.001144
	ChIP-Seq	105	977951	13883	8061	0.49896	0.00891	-0.00087	0.007506
CGP-DSSPD-NR5-EXE5	STRING	8	986689	12432	871	0.52742	0.04104	-0.00089	0.000643
	NonSpecific	13	986854	12427	706	0.51708	0.02019	0.00136	0.001045
	ChIP-Seq	102	979496	12338	8064	0.49893	0.00893	4e-05	0.008199
CGP-DSSPD-NR10-EXE1	STRING	4	996683	2438	875	0.52822	0.04062	0.00127	0.001638
	NonSpecific	0	996839	2442	719	0.51676	0	-0.00133	0.0
	ChIP-Seq	19	989304	2530	8147	0.49891	0.00893	-0.0004	0.007454
CGP-DSSPD-NR10-EXE2	STRING	2	996677	2444	877	0.52837	0.03946	-0.0001	0.000818
	NonSpecific	0	996835	2446	719	0.51643	0	-0.00133	0.0
	ChIP-Seq	14	989353	2481	8152	0.49856	0.00888	-0.00142	0.005611
CGP-DSSPD-NR10-EXE3	STRING	2	996800	2321	877	0.52798	0.03807	-3e-05	0.000861
	NonSpecific	3	996961	2320	716	0.51614	0.01735	0.00103	0.001291
	ChIP-Seq	25	989436	2398	8141	0.49883	0.00893	0.00118	0.010318
CGP-DSSPD-NR10-EXE4	STRING	2	996777	2344	877	0.52811	0.03705	-4e-05	0.000853
	NonSpecific	1	996936	2345	718	0.5165	0.017	-0.00053	0.000426
	ChIP-Seq	13	989424	2410	8153	0.49842	0.00888	-0.00153	0.005365
CGP-DSSPD-NR10-EXE5	STRING	0	996681	2440	879	0.52765	0	-0.00147	0.0
	NonSpecific	3	996844	2437	716	0.51679	0.01656	0.00094	0.00123
	ChIP-Seq	29	989329	2505	8137	0.49886	0.00895	0.00184	0.011444
CGP-KM-BKM-NR10-EXE1	STRING	0	997457	1664	879	0.5271	0	-0.00121	0.0
	NonSpecific	1	997618	1663	718	0.5164	0.01585	-0.00018	0.000601
	ChIP-Seq	158	980211	11623	8008	0.5013	0.00927	0.00636	0.013411
CGP-KM-BKM-NR10-EXE2	STRING	4	996253	2868	875	0.52737	0.03357	0.00093	0.001393
	NonSpecific	5	996414	2867	714	0.51757	0.01572	0.00205	0.001741
	ChIP-Seq	50	978594	13240	8116	0.50014	0.00912	-0.00568	0.003762
CGP-KM-BKM-NR10-EXE3	STRING	1	997209	1912	878	0.52701	0.03257	-0.00053	0.000523
	NonSpecific	2	997370	1911	717	0.51737	0.01521	0.00053	0.001045
	ChIP-Seq	47	983311	8523	8119	0.49882	0.00897	-0.00277	0.005484
CGP-KM-BKM-NR10-EXE4	STRING	1	997338	1783	878	0.52684	0.03165	-0.00045	0.000561
	NonSpecific	3	997500	1781	716	0.51728	0.01513	0.00152	0.001682
	ChIP-Seq	69	977880	13954	8097	0.49732	0.00881	-0.0043	0.00492
CGP-KM-BKM-NR10-EXE5	STRING	0	997496	1625	879	0.52665	0	-0.0012	0.0
	NonSpecific	0	997656	1625	719	0.5171	0	-0.00108	0.0
	ChIP-Seq	70	983129	8705	8096	0.4974	0.00882	-0.0002	0.007977
CGP-KM-DSSPD-NR10-EXE1	STRING	3	996612	2509	876	0.52653	0.0303	0.00053	0.001194
	NonSpecific	1	996770	2511	718	0.51669	0.0143	-0.0006	0.000398
	ChIP-Seq	29	988993	2841	8137	0.49779	0.00886	0.00116	0.010105
CGP-KM-DSSPD-NR10-EXE2	STRING	6	996638	2483	873	0.52708	0.02995	0.00258	0.002411
	NonSpecific	3	996795	2486	716	0.51639	0.01393	0.00091	0.001205
	ChIP-Seq	32	989036	2798	8134	0.49805	0.00888	0.00186	0.011307
CGP-KM-DSSPD-NR10-EXE3	STRING	1	996792	2329	878	0.52661	0.0292	-0.00073	0.000429
	NonSpecific	0	996951	2330	719	0.51603	0	-0.0013	0.0
	ChIP-Seq	34	989099	2735	8132	0.49884	0.00896	0.00241	0.012279
CGP-KM-DSSPD-NR10-EXE4	STRING	5	996741	2380	874	0.52598	0.02831	0.00201	0.002096
	NonSpecific	3	996899	2382	716	0.5157	0.01319	0.00098	0.001258
	ChIP-Seq	28	989037	2797	8138	0.49872	0.00895	0.00103	0.009912
CGP-KM-DSSPD-NR10-EXE5	STRING	3	996728	2393	876	0.52596	0.02785	0.00062	0.001252
	NonSpecific	3	996888	2393	716	0.51532	0.01284	0.00097	0.001252
	ChIP-Seq	8	989085	2749	8158	0.49783	0.00887	-0.00308	0.002902

Tabela 35: Tabular results for mHSC-L problem considering the 1000nTF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
GENIE3	STRING	9	478565	145	145	0.54852	0.1456	0.05814	0.058442
	NonSpecific	7	478237	310	310	0.51757	0.05981	0.02143	0.022082
	ChIP-Seq	49	468552	5132	5131	0.49843	0.01145	-0.00137	0.009458
GRNBOOST2	STRING	7	478563	147	147	0.54842	0.14181	0.04515	0.045455
	NonSpecific	5	478235	312	312	0.51748	0.05404	0.01512	0.015773
	ChIP-Seq	52	468556	5128	5128	0.49877	0.01184	-0.00079	0.010039
SINCERITIES	STRING	0	478578	132	154	0.54796	0	-0.0003	0.0
	NonSpecific	0	478265	282	317	0.51713	0	-0.00063	0.0
	ChIP-Seq	24	468864	4820	5156	0.49581	0.01087	-0.00573	0.004633
PPCOR	STRING	0	478556	154	154	0.54678	0	-0.00032	0.0
	NonSpecific	0	478229	318	317	0.51603	0	-0.00066	0.0
	ChIP-Seq	51	469189	4495	5129	0.49522	0.01113	0.00038	0.011219
CGP-DSSPD-NR5-EXE1	STRING	0	470398	8312	154	0.54672	0	-0.00238	0.0
	NonSpecific	9	470244	8303	308	0.51733	0.03098	0.00217	0.001083
	ChIP-Seq	76	465448	8236	5104	0.49451	0.01125	-0.00215	0.009143
CGP-DSSPD-NR5-EXE2	STRING	5	470121	8589	149	0.54665	0.10926	0.00196	0.000582
	NonSpecific	10	469963	8584	307	0.51868	0.03121	0.00264	0.001164
	ChIP-Seq	99	465189	8495	5081	0.49497	0.01156	0.00092	0.01152
CGP-DSSPD-NR5-EXE3	STRING	3	470344	8366	151	0.54652	0.10758	0.00027	0.000358
	NonSpecific	6	470184	8363	311	0.51847	0.02981	0.00028	0.000717
	ChIP-Seq	72	465387	8297	5108	0.49352	0.01144	-0.00285	0.008603
CGP-DSSPD-NR5-EXE4	STRING	2	470176	8534	152	0.54633	0.10519	-0.00066	0.000234
	NonSpecific	5	470016	8531	312	0.51825	0.02856	-0.0004	0.000586
	ChIP-Seq	85	465233	8451	5095	0.49243	0.01141	-0.00112	0.009958
CGP-DSSPD-NR5-EXE5	STRING	2	470297	8413	152	0.54626	0.10442	-0.00063	0.000238
	NonSpecific	10	470142	8405	307	0.51809	0.02772	0.00274	0.001188
	ChIP-Seq	84	465353	8331	5096	0.49196	0.01146	-0.00108	0.009982
CGP-DSSPD-NR10-EXE1	STRING	0	477034	1676	154	0.54626	0	-0.00106	0.0
	NonSpecific	0	476871	1676	317	0.51784	0	-0.00153	0.0
	ChIP-Seq	30	471987	1697	5150	0.49279	0.01163	0.00381	0.017371
CGP-DSSPD-NR10-EXE2	STRING	1	477008	1702	153	0.54626	0.10442	0.00089	0.000587
	NonSpecific	1	476845	1702	316	0.51756	0.02531	-0.00017	0.000587
	ChIP-Seq	27	471889	1795	5153	0.49365	0.01179	0.00239	0.014819
CGP-DSSPD-NR10-EXE3	STRING	0	477136	1574	154	0.54613	0	-0.00103	0.0
	NonSpecific	3	476976	1571	314	0.51717	0.0239	0.00278	0.001906
	ChIP-Seq	27	472088	1596	5153	0.49468	0.01195	0.00328	0.016636
CGP-DSSPD-NR10-EXE4	STRING	0	477123	1587	154	0.54606	0	-0.00103	0.0
	NonSpecific	0	476960	1587	317	0.51688	0	-0.00148	0.0
	ChIP-Seq	19	472031	1653	5161	0.49481	0.01198	0.00031	0.011364
CGP-DSSPD-NR10-EXE5	STRING	1	476999	1711	153	0.54593	0.10082	0.00088	0.000584
	NonSpecific	1	476836	1711	316	0.51651	0.0219	-0.00018	0.000584
	ChIP-Seq	14	471940	1744	5166	0.49437	0.01194	-0.00168	0.007964
CGP-KM-BKM-NR10-EXE1	STRING	0	478157	553	154	0.54567	0	-0.00061	0.0
	NonSpecific	0	477994	553	317	0.51618	0	-0.00088	0.0
	ChIP-Seq	68	465261	8423	5112	0.4927	0.01179	-0.00365	0.008008
CGP-KM-BKM-NR10-EXE2	STRING	0	478029	681	154	0.54567	0	-0.00068	0.0
	NonSpecific	0	477866	681	317	0.51603	0	-0.00097	0.0
	ChIP-Seq	54	468222	5462	5126	0.49161	0.01172	-0.00107	0.00979
CGP-KM-BKM-NR10-EXE3	STRING	0	478117	593	154	0.54567	0	-0.00063	0.0
	NonSpecific	0	477954	593	317	0.51598	0	-0.00091	0.0
	ChIP-Seq	41	468965	4719	5139	0.49078	0.01169	-0.00214	0.008613
CGP-KM-BKM-NR10-EXE4	STRING	0	477972	738	154	0.54567	0	-0.00071	0.0
	NonSpecific	0	477809	738	317	0.51588	0	-0.00101	0.0
	ChIP-Seq	54	468992	4692	5126	0.49102	0.01174	0.00054	0.011378
CGP-KM-BKM-NR10-EXE5	STRING	0	477487	1223	154	0.54561	0	-0.00091	0.0
	NonSpecific	0	477324	1223	317	0.5158	0	-0.0013	0.0
	ChIP-Seq	27	469406	4278	5153	0.48952	0.01163	-0.00419	0.006272
CGP-KM-DSSPD-NR10-EXE1	STRING	2	477053	1657	152	0.54534	0.09512	0.00291	0.001206
	NonSpecific	1	476889	1658	316	0.51537	0.01935	-0.00014	0.000603
	ChIP-Seq	16	471918	1766	5164	0.48941	0.01164	-0.00109	0.008979
CGP-KM-DSSPD-NR10-EXE2	STRING	1	477152	1558	153	0.54482	0.09077	0.00102	0.000641
	NonSpecific	2	476990	1557	315	0.51661	0.01971	0.00138	0.001283
	ChIP-Seq	28	471976	1708	5152	0.49019	0.01174	0.0031	0.016129
CGP-KM-DSSPD-NR10-EXE3	STRING	0	477089	1621	154	0.54469	0	-0.00104	0.0
	NonSpecific	1	476927	1620	316	0.51597	0.01866	-0.0001	0.000617
	ChIP-Seq	37	471927	1757	5143	0.49154	0.01189	0.00581	0.020624
CGP-KM-DSSPD-NR10-EXE4	STRING	0	477063	1647	154	0.54462	0	-0.00105	0.0
	NonSpecific	1	476901	1646	316	0.51704	0.01882	-0.00013	0.000607
	ChIP-Seq	17	471902	1782	5163	0.4911	0.01186	-0.00081	0.00945
CGP-KM-DSSPD-NR10-EXE5	STRING	1	477133	1577	153	0.54449	0.08832	0.001	0.000634
	NonSpecific	0	476969	1578	317	0.5165	0	-0.00148	0.0
	ChIP-Seq	32	471904	1780	5148	0.49217	0.01197	0.00408	0.01766

Tabela 36: Tabular results for hESC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	0	999149	426	425	0.49984	0	-0.00043	0.0
	NonSpecific	0	998528	740	732	0.49996	0	-0.00074	0.0
	ChIP-Seq	8	995770	2116	2106	0.50122	0.00713	0.00166	0.003752
GENIE3	STRING	0	999150	425	425	0.49975	0	-0.00042	0.0
	NonSpecific	0	998529	739	732	0.49972	0	-0.00074	0.0
	ChIP-Seq	15	995771	2115	2099	0.50333	0.00904	0.00496	0.007039
GRNBOOST2	STRING	0	999150	425	425	0.49957	0	-0.00042	0.0
	NonSpecific	0	998529	739	732	0.49956	0	-0.00074	0.0
	ChIP-Seq	11	995770	2116	2103	0.50354	0.00836	0.00307	0.005162
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	0	999068	507	425	0.49934	0	-0.00046	0.0
	NonSpecific	9	981129	18139	723	0.49922	0.00146	-0.00119	0.000486
	ChIP-Seq	31	979769	18117	2083	0.50276	0.00589	-0.0012	0.001674
CGP-DSSPD-NR5-EXE2	STRING	0	999049	526	425	0.49926	0	-0.00047	0.0
	NonSpecific	5	980911	18357	727	0.49889	0.00146	-0.00232	0.000268
	ChIP-Seq	24	979547	18339	2091	0.50178	0.00477	-0.00241	0.001284
CGP-DSSPD-NR5-EXE3	STRING	0	999060	515	425	0.49914	0	-0.00047	0.0
	NonSpecific	14	981168	18100	718	0.4986	0.00146	0.0002	0.000758
	ChIP-Seq	33	979804	18082	2082	0.50115	0.00431	-0.00087	0.001786
CGP-DSSPD-NR5-EXE4	STRING	0	999055	520	425	0.49908	0	-0.00047	0.0
	NonSpecific	8	981758	17510	724	0.49836	0.00146	-0.00136	0.000448
	ChIP-Seq	22	980390	17496	2092	0.50149	0.00436	-0.00249	0.001232
CGP-DSSPD-NR5-EXE5	STRING	0	999084	491	425	0.49898	0	-0.00046	0.0
	NonSpecific	5	981105	18163	727	0.49813	0.00146	-0.0023	0.000271
	ChIP-Seq	24	979742	18144	2090	0.50135	0.00424	-0.00235	0.001299
CGP-DSSPD-NR10-EXE1	STRING	2	995950	3625	423	0.4989	0.00424	0.00037	0.00054
	NonSpecific	6	995647	3621	726	0.49784	0.00146	0.00206	0.001619
	ChIP-Seq	5	994264	3622	2109	0.50119	0.00415	-0.00097	0.001349
CGP-DSSPD-NR10-EXE2	STRING	2	995953	3622	423	0.49871	0.00424	0.00037	0.000542
	NonSpecific	0	995644	3624	732	0.49753	0	-0.00163	0.0
	ChIP-Seq	10	994272	3614	2104	0.50073	0.004	0.00085	0.00271
CGP-DSSPD-NR10-EXE3	STRING	0	996763	2812	425	0.49857	0	-0.0011	0.0
	NonSpecific	4	996460	2808	728	0.49718	0.00146	0.00136	0.001392
	ChIP-Seq	10	995084	2802	2104	0.50122	0.0041	0.00167	0.003481
CGP-DSSPD-NR10-EXE4	STRING	2	995746	3829	423	0.49846	0.00424	0.00029	0.000511
	NonSpecific	0	995437	3831	732	0.4969	0	-0.00168	0.0
	ChIP-Seq	4	994059	3827	2110	0.50078	0.00399	-0.00145	0.001021
CGP-DSSPD-NR10-EXE5	STRING	0	995753	3822	425	0.49825	0	-0.00128	0.0
	NonSpecific	4	995450	3818	728	0.49799	0.00205	0.00072	0.001025
	ChIP-Seq	12	994076	3810	2102	0.50111	0.00404	0.00138	0.003075
CGP-KM-BKM-NR10-EXE1	STRING	0	996692	2883	425	0.49802	0	-0.00111	0.0
	NonSpecific	0	996385	2883	732	0.49758	0	-0.00145	0.0
	ChIP-Seq	5	995008	2878	2109	0.50079	0.00397	-0.00044	0.001712
CGP-KM-BKM-NR10-EXE2	STRING	0	998961	614	425	0.49788	0	-0.00051	0.0
	NonSpecific	0	998313	955	732	0.49732	0	-0.00084	0.0
	ChIP-Seq	11	994746	3140	2103	0.50154	0.00408	0.00169	0.003416
CGP-KM-BKM-NR10-EXE3	STRING	0	998876	699	425	0.49775	0	-0.00055	0.0
	NonSpecific	0	997418	1850	732	0.49716	0	-0.00117	0.0
	ChIP-Seq	9	995725	2161	2105	0.50252	0.00422	0.00206	0.004117
CGP-KM-BKM-NR10-EXE4	STRING	1	996435	3140	424	0.49762	0.00424	-0.00029	0.000312
	NonSpecific	5	996132	3136	727	0.49762	0.00214	0.00178	0.001559
	ChIP-Seq	4	994749	3137	2110	0.50217	0.00415	-0.00103	0.001247
CGP-KM-BKM-NR10-EXE5	STRING	0	997819	1756	425	0.4973	0	-0.00086	0.0
	NonSpecific	0	997512	1756	732	0.49731	0	-0.00113	0.0
	ChIP-Seq	3	993503	4383	2111	0.50174	0.00408	-0.00207	0.000672
CGP-KM-DSSPD-NR10-EXE1	STRING	0	998756	819	425	0.49697	0	-0.00059	0.0
	NonSpecific	0	998449	819	732	0.49696	0	-0.00077	0.0
	ChIP-Seq	7	994610	3276	2107	0.50181	0.00408	2e-05	0.002096
CGP-KM-DSSPD-NR10-EXE2	STRING	0	998716	859	425	0.49668	0	-0.0006	0.0
	NonSpecific	0	998409	859	732	0.49662	0	-0.00079	0.0
	ChIP-Seq	6	994497	3389	2108	0.50143	0.00402	-0.00044	0.001728
CGP-KM-DSSPD-NR10-EXE3	STRING	1	996902	2673	424	0.49633	0.00424	-0.00013	0.000366
	NonSpecific	2	996596	2672	730	0.49631	0.00198	3e-05	0.000732
	ChIP-Seq	5	995217	2669	2109	0.50126	0.004	-0.00028	0.001829
CGP-KM-DSSPD-NR10-EXE4	STRING	0	998620	955	425	0.4961	0	-0.00064	0.0
	NonSpecific	0	998313	955	732	0.49596	0	-0.00084	0.0
	ChIP-Seq	5	994633	3253	2109	0.50092	0.00396	-0.00072	0.001499
CGP-KM-DSSPD-NR10-EXE5	STRING	0	998669	906	425	0.49586	0	-0.00062	0.0
	NonSpecific	0	998362	906	732	0.49562	0	-0.00081	0.0
	ChIP-Seq	1	994387	3499	2113	0.50011	0.00387	-0.00236	0.000281

Tabela 37: Tabular results for hHep problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	6	997823	1064	1107	0.50177	0.01844	0.00441	0.005386
	NonSpecific	0	999419	286	295	0.49989	0	-0.00029	0.0
	ChIP-Seq	3	995822	2075	2100	0.49981	0.00284	-0.00066	0.001406
GENIE3	STRING	5	997779	1108	1108	0.50189	0.01365	0.00338	0.004492
	NonSpecific	0	999408	297	295	0.49974	0	-0.0003	0.0
	ChIP-Seq	1	995765	2132	2102	0.49924	0.00236	-0.00165	0.000469
GRNBOOST2	STRING	7	997782	1105	1106	0.50232	0.0137	0.00519	0.006289
	NonSpecific	0	999408	297	295	0.49967	0	-0.0003	0.0
	ChIP-Seq	4	995771	2126	2099	0.4997	0.00288	-0.00023	0.001875
SINCERITIES	STRING	1	997792	1095	1112	0.50238	0.01327	-0.0002	0.000898
	NonSpecific	0	999411	294	295	0.49941	0	-0.0003	0.0
	ChIP-Seq	2	995797	2100	2101	0.49925	0.00271	-0.00115	0.000937
PPCOR	STRING	0	997901	986	1113	0.50091	0	-0.00105	0.0
	NonSpecific	0	998719	986	295	0.49868	0	-0.00054	0.0
	ChIP-Seq	0	996911	986	2103	0.49865	0	-0.00144	0.0
CGP-DSSPD-NR5-EXE1	STRING	24	980857	18030	1089	0.50083	0.01037	0.00088	0.001296
	NonSpecific	0	999282	423	295	0.49852	0	-0.00035	0.0
	ChIP-Seq	75	979917	17980	2029	0.5007	0.00342	0.00607	0.004051
CGP-DSSPD-NR5-EXE2	STRING	21	980552	18335	1092	0.5003	0.00985	0.00013	0.001116
	NonSpecific	0	999249	456	295	0.49846	0	-0.00037	0.0
	ChIP-Seq	66	979606	18291	2038	0.50125	0.00354	0.00445	0.003508
CGP-DSSPD-NR5-EXE3	STRING	24	980107	18780	1089	0.50027	0.00981	0.00068	0.001245
	NonSpecific	1	999277	428	294	0.49842	0.00334	0.00246	0.002217
	ChIP-Seq	41	979133	18764	2063	0.50132	0.0035	0.00023	0.002127
CGP-DSSPD-NR5-EXE4	STRING	25	980441	18446	1088	0.50067	0.01008	0.00099	0.001322
	NonSpecific	0	999275	430	295	0.4984	0	-0.00036	0.0
	ChIP-Seq	34	979460	18437	2069	0.50139	0.00347	-0.00078	0.001797
CGP-DSSPD-NR5-EXE5	STRING	24	980222	18665	1089	0.5006	0.01	0.00071	0.001253
	NonSpecific	0	999256	449	295	0.49834	0	-0.00036	0.0
	ChIP-Seq	33	979239	18658	2072	0.50123	0.0034	-0.00102	0.001723
CGP-DSSPD-NR10-EXE1	STRING	6	995090	3797	1107	0.50069	0.01004	0.00086	0.001541
	NonSpecific	2	995904	3801	293	0.49827	0.00334	0.00083	0.000514
	ChIP-Seq	6	994100	3797	2097	0.50052	0.00325	-0.00071	0.001541
CGP-DSSPD-NR10-EXE2	STRING	5	994798	4089	1108	0.50029	0.00978	0.00021	0.00119
	NonSpecific	0	999408	297	295	0.49822	0	-0.0003	0.0
	ChIP-Seq	8	993811	4086	2095	0.50033	0.00321	-0.00021	0.001903
CGP-DSSPD-NR10-EXE3	STRING	3	997342	1545	1110	0.50031	0.00978	0.00097	0.001875
	NonSpecific	0	999034	671	295	0.49817	0	-0.00044	0.0
	ChIP-Seq	15	992373	5524	2088	0.50086	0.00328	0.00099	0.002634
CGP-DSSPD-NR10-EXE4	STRING	4	995167	3720	1109	0.50078	0.01003	-7e-05	0.001039
	NonSpecific	0	999422	283	295	0.49812	0	-0.00029	0.0
	ChIP-Seq	22	994195	3702	2081	0.50113	0.00331	0.00508	0.005716
CGP-DSSPD-NR10-EXE5	STRING	2	995065	3822	1111	0.50037	0.0098	-0.0011	0.00051
	NonSpecific	2	995883	3822	293	0.49804	0.00334	0.00082	0.00051
	ChIP-Seq	14	994087	3810	2089	0.50238	0.00346	0.00211	0.003573
CGP-KM-BKM-NR10-EXE1	STRING	3	996549	2338	1110	0.50057	0.00989	0.00024	0.001253
	NonSpecific	0	997364	2341	295	0.49789	0	-0.00083	0.0
	ChIP-Seq	0	995556	2341	2103	0.50131	0	-0.00222	0.0
CGP-KM-BKM-NR10-EXE2	STRING	3	996971	1916	1110	0.50032	0.00977	0.00059	0.001549
	NonSpecific	0	997786	1919	295	0.49785	0	-0.00075	0.0
	ChIP-Seq	0	995495	2402	2103	0.50056	0	-0.00225	0.0
CGP-KM-BKM-NR10-EXE3	STRING	2	997269	1618	1111	0.49987	0.00954	0.00015	0.001224
	NonSpecific	0	998085	1620	295	0.49775	0	-0.00069	0.0
	ChIP-Seq	0	995781	2116	2103	0.49994	0	-0.00211	0.0
CGP-KM-BKM-NR10-EXE4	STRING	5	996727	2160	1108	0.49957	0.00941	0.00167	0.002282
	NonSpecific	0	997540	2165	295	0.49771	0	-0.0008	0.0
	ChIP-Seq	0	995732	2165	2103	0.49943	0	-0.00214	0.0
CGP-KM-BKM-NR10-EXE5	STRING	5	996196	2691	1108	0.49921	0.00925	0.00116	0.001825
	NonSpecific	0	997009	2696	295	0.49761	0	-0.00089	0.0
	ChIP-Seq	0	995201	2696	2103	0.49882	0	-0.00239	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	5	996042	2845	1108	0.49846	0.00897	0.00103	0.001702
	NonSpecific	0	996855	2850	295	0.49749	0	-0.00092	0.0
	ChIP-Seq	6	995053	2844	2097	0.49853	0.00301	0	0.002042
CGP-KM-DSSPD-NR10-EXE2	STRING	4	995232	3655	1109	0.49866	0.0091	-4e-05	0.00106
	NonSpecific	2	996048	3657	293	0.49736	0.00334	0.00089	0.00053
	ChIP-Seq	4	994242	3655	2099	0.49823	0.00299	-0.00134	0.00106
CGP-KM-DSSPD-NR10-EXE3	STRING	0	997566	1321	1113	0.49857	0	-0.00121	0.0
	NonSpecific	0	998384	1321	295	0.49732	0	-0.00063	0.0
	ChIP-Seq	10	993840	4057	2093	0.4976	0.00294	0.0005	0.002395
CGP-KM-DSSPD-NR10-EXE4	STRING	3	996012	2875	1110	0.49891	0.00921	-0.00011	0.001002
	NonSpecific	2	996829	2876	293	0.49726	0.00334	0.00125	0.000668
	ChIP-Seq	0	995019	2878	2103	0.49662	0	-0.00247	0.0
CGP-KM-DSSPD-NR10-EXE5	STRING	7	994043	4844	1106	0.49876	0.00918	0.00069	0.001406
	NonSpecific	0	994854	4851	295	0.49721	0	-0.0012	0.0
	ChIP-Seq	11	993057	4840	2092	0.49758	0.00296	0.00025	0.00221

Tabela 38: Tabular results for mDC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	6	998307	844	843	0.50293	0.04438	0.00622	0.007059
	NonSpecific	0	998980	510	510	0.49961	0	-0.00051	0.0
	ChIP-Seq	1	999381	309	309	0.50147	0.0273	0.00292	0.003226
GENIE3	STRING	1	998303	848	848	0.50299	0.03118	0.00033	0.001178
	NonSpecific	1	998981	509	509	0.50031	0.0085	0.00145	0.001961
	ChIP-Seq	0	999380	310	310	0.50131	0	-0.00031	0.0
GRNBOOST2	STRING	2	998304	847	847	0.50338	0.03008	0.00151	0.002356
	NonSpecific	0	998980	510	510	0.50018	0	-0.00051	0.0
	ChIP-Seq	0	999380	310	310	0.50124	0	-0.00031	0.0
SINCERITIES	STRING	0	998348	803	849	0.50284	0	-0.00083	0.0
	NonSpecific	0	999006	484	510	0.50014	0	-0.0005	0.0
	ChIP-Seq	0	999396	294	310	0.50099	0	-0.0003	0.0
PPCOR	STRING	0	998151	1000	849	0.50114	0	-0.00092	0.0
	NonSpecific	0	998490	1000	510	0.49914	0	-0.00072	0.0
	ChIP-Seq	0	998690	1000	310	0.50032	0	-0.00056	0.0
CGP-DSSPD-NR5-EXE1	STRING	15	977808	21343	834	0.50092	0.01531	-0.00074	0.000702
	NonSpecific	10	978142	21348	500	0.49891	0.00508	-0.00027	0.000468
	ChIP-Seq	7	978339	21351	303	0.5001	0.00473	0.00015	0.000328
CGP-DSSPD-NR5-EXE2	STRING	15	978000	21151	834	0.50239	0.01758	-0.00071	0.000709
	NonSpecific	8	978332	21158	502	0.49968	0.00641	-0.00086	0.000378
	ChIP-Seq	5	978529	21161	305	0.49991	0.00446	-0.00062	0.000236
CGP-DSSPD-NR5-EXE3	STRING	17	978184	20967	832	0.50261	0.0176	-0.00019	0.00081
	NonSpecific	10	978516	20974	500	0.49944	0.00613	-0.00022	0.000477
	ChIP-Seq	7	978713	20977	303	0.4997	0.00423	0.0002	0.000334
CGP-DSSPD-NR5-EXE4	STRING	17	978365	20786	832	0.50293	0.01782	-0.00016	0.000817
	NonSpecific	13	978700	20790	497	0.49926	0.00595	0.00074	0.000625
	ChIP-Seq	9	978896	20794	301	0.49945	0.00401	0.00102	0.000433
CGP-DSSPD-NR5-EXE5	STRING	17	978654	20497	832	0.50275	0.01744	-0.0001	0.000829
	NonSpecific	7	978983	20507	503	0.49908	0.00579	-0.00108	0.000341
	ChIP-Seq	8	979184	20506	302	0.49924	0.00386	0.00066	0.00039
CGP-DSSPD-NR10-EXE1	STRING	9	995217	3934	840	0.50234	0.01664	0.0031	0.002283
	NonSpecific	3	995550	3940	507	0.49889	0.00565	0.0007	0.000761
	ChIP-Seq	1	995748	3942	309	0.49905	0.00375	-0.0002	0.000254
CGP-DSSPD-NR10-EXE2	STRING	7	994791	4360	842	0.5026	0.01677	0.00171	0.001603
	NonSpecific	4	995127	4363	506	0.49871	0.00553	0.00119	0.000916
	ChIP-Seq	1	995324	4366	309	0.49888	0.00366	-0.0003	0.000229
CGP-DSSPD-NR10-EXE3	STRING	2	995045	4106	847	0.50276	0.01675	-0.0008	0.000487
	NonSpecific	1	995383	4107	509	0.49951	0.00639	-0.00076	0.000243
	ChIP-Seq	0	995582	4108	310	0.49872	0	-0.00113	0.0
CGP-DSSPD-NR10-EXE4	STRING	3	994697	4454	846	0.50244	0.01626	-0.0004	0.000673
	NonSpecific	3	995036	4454	507	0.49927	0.0062	0.00048	0.000673
	ChIP-Seq	0	995233	4457	310	0.49861	0	-0.00118	0.0
CGP-DSSPD-NR10-EXE5	STRING	1	994973	4178	848	0.50205	0.01573	-0.00136	0.000239
	NonSpecific	3	995314	4176	507	0.49905	0.00605	0.0006	0.000718
	ChIP-Seq	3	995514	4176	307	0.49844	0.00348	0.0015	0.000718
CGP-KM-BKM-NR10-EXE1	STRING	0	997680	1471	849	0.50149	0	-0.00112	0.0
	NonSpecific	0	998019	1471	510	0.49891	0	-0.00087	0.0
	ChIP-Seq	0	998219	1471	310	0.49826	0	-0.00068	0.0
CGP-KM-BKM-NR10-EXE2	STRING	0	998147	1004	849	0.50122	0	-0.00092	0.0
	NonSpecific	0	998486	1004	510	0.49873	0	-0.00072	0.0
	ChIP-Seq	0	998686	1004	310	0.49811	0	-0.00056	0.0
CGP-KM-BKM-NR10-EXE3	STRING	0	997661	1490	849	0.50057	0	-0.00113	0.0
	NonSpecific	0	998000	1490	510	0.49868	0	-0.00087	0.0
	ChIP-Seq	0	998200	1490	310	0.49806	0	-0.00068	0.0
CGP-KM-BKM-NR10-EXE4	STRING	1	997718	1433	848	0.50111	0.01462	-0.0002	0.000697
	NonSpecific	0	998056	1434	510	0.49835	0	-0.00086	0.0
	ChIP-Seq	0	998256	1434	310	0.49781	0	-0.00067	0.0
CGP-KM-BKM-NR10-EXE5	STRING	1	996366	2785	848	0.50054	0.01414	-0.00089	0.000359
	NonSpecific	3	996707	2783	507	0.49825	0.0056	0.00133	0.001077
	ChIP-Seq	0	996904	2786	310	0.49764	0	-0.00093	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	4	995423	3728	845	0.50088	0.0144	0.00047	0.001072
	NonSpecific	3	995761	3729	507	0.49906	0.00622	0.0008	0.000804
	ChIP-Seq	3	995961	3729	307	0.49912	0.00414	0.00172	0.000804
CGP-KM-DSSPD-NR10-EXE2	STRING	7	995690	3461	842	0.50115	0.01459	0.00237	0.002018
	NonSpecific	3	996025	3465	507	0.49892	0.00614	0.00093	0.000865
	ChIP-Seq	1	996223	3467	309	0.49892	0.00406	-7e-05	0.000288
CGP-KM-DSSPD-NR10-EXE3	STRING	3	995567	3584	846	0.5008	0.01432	-3e-05	0.000836
	NonSpecific	2	995905	3585	508	0.49879	0.00607	0.00013	0.000558
	ChIP-Seq	1	996104	3586	309	0.49877	0.00401	-0.00011	0.000279
CGP-KM-DSSPD-NR10-EXE4	STRING	6	995402	3749	843	0.50051	0.01413	0.00158	0.001598
	NonSpecific	1	995736	3754	509	0.49958	0.00661	-0.00066	0.000266
	ChIP-Seq	1	995936	3754	309	0.49862	0.00395	-0.00015	0.000266
CGP-KM-DSSPD-NR10-EXE5	STRING	7	995391	3760	842	0.50198	0.01514	0.00213	0.001858
	NonSpecific	6	995729	3761	504	0.49942	0.00651	0.00295	0.001593
	ChIP-Seq	2	995925	3765	308	0.50007	0.00471	0.00077	0.000531

Tabela 39: Tabular results for mESC problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	5	998593	701	701	0.50313	0.06178	0.00638	0.007082
	NonSpecific	0	997683	1160	1157	0.49981	0	-0.00116	0.0
	ChIP-Seq	190	977798	11006	11006	0.50356	0.02519	0.00584	0.01697
GENIE3	STRING	21	998609	685	685	0.51357	0.07868	0.02906	0.029745
	NonSpecific	10	997696	1147	1147	0.50349	0.01435	0.00749	0.008643
	ChIP-Seq	293	977901	10903	10903	0.50712	0.02465	0.01514	0.02617
GRNBOOST2	STRING	21	998609	685	685	0.51875	0.08156	0.02906	0.029745
	NonSpecific	11	997697	1146	1146	0.50523	0.01446	0.00836	0.009507
	ChIP-Seq	288	977896	10908	10908	0.50859	0.02495	0.01469	0.025723
SINCERITIES	STRING	1	998602	692	705	0.51875	0.06569	0.00073	0.001416
	NonSpecific	3	997714	1129	1154	0.50582	0.01179	0.00148	0.002593
	ChIP-Seq	120	978117	10687	11076	0.50896	0.02359	-9e-05	0.010718
PPCOR	STRING	0	998294	1000	706	0.51719	0	-0.00084	0.0
	NonSpecific	0	997843	1000	1157	0.50482	0	-0.00108	0.0
	ChIP-Seq	0	987804	1000	11196	0.50832	0	-0.00337	0.0
CGP-DSSPD-NR5-EXE1	STRING	15	979532	19762	691	0.51691	0.04482	0.00028	0.000758
	NonSpecific	22	979088	19755	1135	0.5043	0.00785	-0.00019	0.001112
	ChIP-Seq	198	969225	19579	10998	0.50727	0.02186	-0.0016	0.010012
CGP-DSSPD-NR5-EXE2	STRING	13	980006	19288	693	0.51658	0.04276	-0.00017	0.000674
	NonSpecific	29	979571	19272	1128	0.50462	0.00766	0.00143	0.001503
	ChIP-Seq	224	969727	19077	10972	0.50731	0.02138	0.00055	0.011606
CGP-DSSPD-NR5-EXE3	STRING	12	979686	19608	694	0.51642	0.04185	-0.0005	0.000612
	NonSpecific	18	979241	19602	1139	0.50412	0.00711	-0.001	0.000917
	ChIP-Seq	234	969418	19386	10962	0.50764	0.02117	0.00098	0.011927
CGP-DSSPD-NR5-EXE4	STRING	23	979436	19858	683	0.51606	0.03996	0.00242	0.001157
	NonSpecific	31	978993	19850	1126	0.50362	0.00668	0.00169	0.001559
	ChIP-Seq	204	969127	19677	10992	0.50685	0.02077	-0.00127	0.010261
CGP-DSSPD-NR5-EXE5	STRING	12	980775	18519	694	0.51721	0.0404	-0.0003	0.000648
	NonSpecific	18	980330	18513	1139	0.50439	0.00685	-0.00075	0.000971
	ChIP-Seq	221	970494	18310	10975	0.5067	0.02058	0.00095	0.011926
CGP-DSSPD-NR10-EXE1	STRING	2	995272	4022	704	0.51757	0.03968	-0.0005	0.000497
	NonSpecific	1	994820	4023	1156	0.50392	0.00653	-0.0017	0.000249
	ChIP-Seq	82	981168	7636	11114	0.50674	0.02051	-0.00048	0.010625
CGP-DSSPD-NR10-EXE2	STRING	3	995462	3832	703	0.51794	0.03907	0.00018	0.000782
	NonSpecific	5	995013	3830	1152	0.50335	0.0062	0.00027	0.001304
	ChIP-Seq	221	973564	15240	10975	0.50831	0.02073	0.00369	0.014294
CGP-DSSPD-NR10-EXE3	STRING	1	995324	3970	705	0.51751	0.03745	-0.00108	0.000252
	NonSpecific	2	994874	3969	1155	0.50365	0.00621	-0.00121	0.000504
	ChIP-Seq	100	977259	11545	11096	0.50706	0.02037	-0.00269	0.008587
CGP-DSSPD-NR10-EXE4	STRING	2	995217	4077	704	0.51784	0.03689	-0.00052	0.00049
	NonSpecific	8	994772	4071	1149	0.50402	0.00625	0.00151	0.001961
	ChIP-Seq	130	976934	11870	11066	0.50663	0.02023	-0.00038	0.010833
CGP-DSSPD-NR10-EXE5	STRING	1	995426	3868	705	0.51823	0.03658	-0.00105	0.000258
	NonSpecific	2	994976	3867	1155	0.50346	0.00601	-0.00117	0.000517
	ChIP-Seq	142	977356	11448	11054	0.50731	0.02028	0.00109	0.012252
CGP-KM-BKM-NR10-EXE1	STRING	0	998395	899	706	0.51805	0	-0.0008	0.0
	NonSpecific	2	994001	4842	1155	0.50286	0.00578	-0.00153	0.000413
	ChIP-Seq	104	977420	11384	11092	0.5064	0.02005	-0.0022	0.009053
CGP-KM-BKM-NR10-EXE2	STRING	2	998295	999	704	0.51934	0.03708	0.00154	0.001998
	NonSpecific	6	993725	5118	1151	0.50345	0.00593	3e-05	0.001171
	ChIP-Seq	117	978090	10714	11079	0.50642	0.02002	-0.00039	0.010802
CGP-KM-BKM-NR10-EXE3	STRING	0	998317	977	706	0.51926	0	-0.00083	0.0
	NonSpecific	10	993536	5307	1147	0.50443	0.00617	0.00156	0.001881
	ChIP-Seq	133	979165	9639	11063	0.50739	0.02011	0.00228	0.01361
CGP-KM-BKM-NR10-EXE4	STRING	2	997485	1809	704	0.51985	0.03718	0.00064	0.001104
	NonSpecific	2	997034	1809	1155	0.50458	0.00618	-7e-05	0.001104
	ChIP-Seq	110	979814	8990	11086	0.50795	0.02014	0.00081	0.012088
CGP-KM-BKM-NR10-EXE5	STRING	1	998438	856	705	0.51977	0.03695	0.00051	0.001167
	NonSpecific	1	997658	1185	1156	0.50441	0.00613	-0.00032	0.000843
	ChIP-Seq	117	975701	13103	11079	0.50728	0.02003	-0.00258	0.00885
CGP-KM-DSSPD-NR10-EXE1	STRING	4	995187	4107	702	0.52142	0.03756	0.00065	0.000973
	NonSpecific	2	994734	4109	1155	0.50409	0.00598	-0.00127	0.000486
	ChIP-Seq	66	980839	7965	11130	0.50642	0.01986	-0.00255	0.008218
CGP-KM-DSSPD-NR10-EXE2	STRING	1	997084	2210	705	0.52187	0.03752	-0.00045	0.000452
	NonSpecific	1	996633	2210	1156	0.50404	0.00595	-0.00098	0.000452
	ChIP-Seq	83	979048	9756	11113	0.5057	0.01973	-0.00262	0.008436
CGP-KM-DSSPD-NR10-EXE3	STRING	0	996806	2488	706	0.52129	0	-0.00133	0.0
	NonSpecific	3	996358	2485	1154	0.50415	0.00591	7e-05	0.001206
	ChIP-Seq	108	977040	11764	11088	0.50488	0.01966	-0.00219	0.009097
CGP-KM-DSSPD-NR10-EXE4	STRING	1	994932	4362	705	0.52148	0.03549	-0.00119	0.000229
	NonSpecific	3	994483	4360	1154	0.50391	0.00584	-0.00091	0.000688
	ChIP-Seq	76	980647	8157	11120	0.50425	0.01959	-0.0017	0.009231
CGP-KM-DSSPD-NR10-EXE5	STRING	4	996853	2441	702	0.52224	0.03515	0.00173	0.001636
	NonSpecific	2	996400	2443	1155	0.50424	0.00588	-0.00049	0.000818
	ChIP-Seq	56	982625	6179	11140	0.50399	0.01956	-0.00167	0.008982



Tabela 40: Tabular results for mHSC-E problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	38	998555	704	703	0.52298	0.0702	0.05054	0.051213
	NonSpecific	17	998649	667	667	0.51152	0.04245	0.02419	0.024854
	ChIP-Seq	33	985730	7119	7118	0.49879	0.0069	-0.00255	0.004614
GENIE3	STRING	16	998534	725	725	0.52321	0.0523	0.02087	0.021592
	NonSpecific	9	998641	675	675	0.51312	0.03124	0.01248	0.013158
	ChIP-Seq	7	985705	7144	7144	0.49679	0.00547	-0.00622	0.000979
GRNBOOST2	STRING	18	998536	723	723	0.52259	0.04885	0.02357	0.024291
	NonSpecific	13	998645	671	671	0.51286	0.02854	0.01833	0.019006
	ChIP-Seq	11	985709	7140	7140	0.49573	0.00559	-0.00565	0.001538
SINCERITIES	STRING	1	998529	730	740	0.52293	0.0473	0.00062	0.00135
	NonSpecific	0	998642	674	684	0.51246	0	-0.00068	0.0
	ChIP-Seq	36	985836	7013	7115	0.49485	0.00608	-0.00204	0.005034
PPCOR	STRING	0	998259	1000	741	0.52145	0	-0.00086	0.0
	NonSpecific	0	998316	1000	684	0.51154	0	-0.00083	0.0
	ChIP-Seq	39	985736	7113	7112	0.4939	0.00595	-0.00171	0.005453
CGP-DSSPD-NR5-EXE1	STRING	10	981909	17350	731	0.5209	0.03755	-0.00081	0.000576
	NonSpecific	12	981968	17348	672	0.51201	0.01968	4e-05	0.000691
	ChIP-Seq	107	975596	17253	7044	0.49322	0.00614	-0.00156	0.006164
CGP-DSSPD-NR5-EXE2	STRING	9	980370	18889	732	0.52174	0.03707	-0.00135	0.000476
	NonSpecific	16	980434	18882	668	0.51237	0.01907	0.00086	0.000847
	ChIP-Seq	106	974057	18792	7045	0.49209	0.00617	-0.00254	0.005609
CGP-DSSPD-NR5-EXE3	STRING	8	980138	19121	733	0.52129	0.03577	-0.00166	0.000418
	NonSpecific	8	980195	19121	676	0.51205	0.01827	-0.00142	0.000418
	ChIP-Seq	121	973841	19008	7030	0.49208	0.00636	-0.00137	0.006325
CGP-DSSPD-NR5-EXE4	STRING	15	979953	19306	726	0.52086	0.03467	0.00018	0.000776
	NonSpecific	19	980014	19302	665	0.51251	0.01809	0.00161	0.000983
	ChIP-Seq	152	973680	19169	6999	0.49274	0.0066	0.00119	0.007867
CGP-DSSPD-NR5-EXE5	STRING	13	979909	19350	728	0.52121	0.03437	-0.00036	0.000671
	NonSpecific	11	979964	19352	673	0.51223	0.0175	-0.00062	0.000568
	ChIP-Seq	116	973602	19247	7035	0.49231	0.00664	-0.00194	0.005991
CGP-DSSPD-NR10-EXE1	STRING	4	995166	4093	737	0.52216	0.03442	0.00056	0.000976
	NonSpecific	1	995220	4096	683	0.51197	0.01703	-0.00108	0.000244
	ChIP-Seq	60	984951	7898	7091	0.49258	0.00677	0.00041	0.00754
CGP-DSSPD-NR10-EXE2	STRING	5	995394	3865	736	0.52311	0.03449	0.00126	0.001292
	NonSpecific	1	995447	3869	683	0.5117	0.01657	-0.00102	0.000258
	ChIP-Seq	33	985098	7751	7118	0.49084	0.00665	-0.00306	0.004239
CGP-DSSPD-NR10-EXE3	STRING	3	995307	3952	738	0.52274	0.03372	4e-05	0.000759
	NonSpecific	2	995363	3953	682	0.51134	0.01604	-0.00043	0.000506
	ChIP-Seq	62	984974	7875	7089	0.49042	0.00668	0.0007	0.007812
CGP-DSSPD-NR10-EXE4	STRING	2	995408	3851	739	0.523	0.03335	-0.00051	0.000519
	NonSpecific	2	995465	3851	682	0.51171	0.0159	-0.00039	0.000519
	ChIP-Seq	117	977806	15043	7034	0.49059	0.00676	0.00083	0.007718
CGP-DSSPD-NR10-EXE5	STRING	4	994201	5058	737	0.52324	0.03297	0.00013	0.00079
	NonSpecific	4	994258	5058	680	0.5114	0.01553	0.00029	0.00079
	ChIP-Seq	43	985224	7625	7108	0.49003	0.00676	-0.00161	0.005608
CGP-KM-BKM-NR10-EXE1	STRING	2	998235	1024	739	0.52415	0.03304	0.00142	0.001949
	NonSpecific	1	998291	1025	683	0.51179	0.01547	0.00036	0.000975
	ChIP-Seq	47	984508	8341	7104	0.48837	0.00668	-0.00169	0.005603
CGP-KM-BKM-NR10-EXE2	STRING	6	995729	3530	735	0.52573	0.03349	0.00209	0.001697
	NonSpecific	2	995782	3534	682	0.51222	0.01547	-0.00027	0.000566
	ChIP-Seq	39	986825	6024	7112	0.48829	0.00671	-0.00067	0.006432
CGP-KM-BKM-NR10-EXE3	STRING	1	998236	1023	740	0.52562	0.03331	0.00028	0.000977
	NonSpecific	1	998293	1023	683	0.51207	0.01532	0.00036	0.000977
	ChIP-Seq	44	985712	7137	7107	0.48802	0.00673	-0.00103	0.006127
CGP-KM-BKM-NR10-EXE4	STRING	1	997490	1769	740	0.52538	0.03293	-0.00027	0.000565
	NonSpecific	1	997547	1769	683	0.51181	0.01507	-0.00019	0.000565
	ChIP-Seq	28	984145	8704	7123	0.48633	0.00665	-0.00439	0.003207
CGP-KM-BKM-NR10-EXE5	STRING	1	998101	1158	740	0.52532	0.03284	0.00015	0.000863
	NonSpecific	1	998158	1158	683	0.51171	0.01498	0.00023	0.000863
	ChIP-Seq	14	985466	7383	7137	0.48429	0.00656	-0.00539	0.001893
CGP-KM-DSSPD-NR10-EXE1	STRING	0	997279	1980	741	0.5251	0	-0.00121	0.0
	NonSpecific	1	997337	1979	683	0.51156	0.01485	-0.0003	0.000505
	ChIP-Seq	19	987489	5360	7132	0.48306	0.00651	-0.00316	0.003532
CGP-KM-DSSPD-NR10-EXE2	STRING	0	998500	759	741	0.52506	0	-0.00075	0.0
	NonSpecific	0	998579	737	684	0.51138	0	-0.00071	0.0
	ChIP-Seq	48	983667	9182	7103	0.48229	0.00651	-0.00223	0.0052
CGP-KM-DSSPD-NR10-EXE3	STRING	5	995587	3672	736	0.52496	0.03229	0.00138	0.00136
	NonSpecific	0	995639	3677	684	0.51119	0	-0.00159	0.0
	ChIP-Seq	20	988980	3869	7131	0.48177	0.0065	-0.00149	0.005143
CGP-KM-DSSPD-NR10-EXE4	STRING	0	998507	752	741	0.52482	0	-0.00075	0.0
	NonSpecific	0	998605	711	684	0.51105	0	-0.0007	0.0
	ChIP-Seq	58	983500	9349	7093	0.48134	0.00652	-0.00114	0.006166
CGP-KM-DSSPD-NR10-EXE5	STRING	0	998509	750	741	0.52472	0	-0.00075	0.0
	NonSpecific	0	998566	750	684	0.51087	0	-0.00072	0.0
	ChIP-Seq	42	986144	6705	7109	0.48077	0.00653	-0.00091	0.006225

Tabela 41: Tabular results for mHSC-GM problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	24	998265	856	855	0.51119	0.04148	0.02643	0.027273
	NonSpecific	14	998575	706	705	0.50891	0.03721	0.01875	0.019444
	ChIP-Seq	65	983733	8101	8101	0.49988	0.00917	-0.00021	0.00796
GENIE3	STRING	33	998275	846	846	0.52307	0.04988	0.0367	0.037543
	NonSpecific	11	998573	708	708	0.51267	0.03511	0.01459	0.015299
	ChIP-Seq	44	983712	8122	8122	0.499	0.00824	-0.0028	0.005388
GRNBOOST2	STRING	39	998281	840	840	0.52833	0.0531	0.04353	0.044369
	NonSpecific	15	998577	704	704	0.51595	0.03637	0.02016	0.020862
	ChIP-Seq	57	983725	8109	8109	0.49871	0.00826	-0.0012	0.00698
SINCERITIES	STRING	0	998245	876	879	0.52815	0	-0.00088	0.0
	NonSpecific	0	998565	716	719	0.51587	0	-0.00072	0.0
	ChIP-Seq	56	983790	8044	8110	0.49806	0.0083	-0.00126	0.006858
PPCOR	STRING	0	998121	1000	879	0.52662	0	-0.00094	0.0
	NonSpecific	0	998281	1000	719	0.51491	0	-0.00085	0.0
	ChIP-Seq	0	990834	1000	8166	0.49753	0	-0.00287	0.0
CGP-DSSPD-NR5-EXE1	STRING	19	986837	12284	860	0.5269	0.04074	0.00251	0.001544
	NonSpecific	10	986988	12293	709	0.51517	0.02181	0.00039	0.000813
	ChIP-Seq	73	979604	12230	8093	0.4963	0.00802	-0.00277	0.005934
CGP-DSSPD-NR5-EXE2	STRING	9	987006	12115	870	0.5264	0.03868	-0.00051	0.000742
	NonSpecific	9	987166	12115	710	0.51539	0.02015	0.0001	0.000742
	ChIP-Seq	117	979827	12007	8049	0.49751	0.00851	0.00183	0.00965
CGP-DSSPD-NR5-EXE3	STRING	16	986944	12177	863	0.52614	0.0377	0.00162	0.001312
	NonSpecific	12	987100	12181	707	0.51568	0.01912	0.0011	0.000984
	ChIP-Seq	120	979761	12073	8046	0.49878	0.00885	0.00207	0.009842
CGP-DSSPD-NR5-EXE4	STRING	12	985129	13992	867	0.52632	0.03683	-9e-05	0.000857
	NonSpecific	16	985293	13988	703	0.51587	0.01802	0.00188	0.001143
	ChIP-Seq	105	977935	13899	8061	0.49843	0.00882	-0.00089	0.007498
CGP-DSSPD-NR5-EXE5	STRING	8	986677	12444	871	0.5259	0.03554	-0.0009	0.000642
	NonSpecific	13	986842	12439	706	0.51612	0.01728	0.00136	0.001044
	ChIP-Seq	102	979484	12350	8064	0.4984	0.00884	3e-05	0.008191
CGP-DSSPD-NR10-EXE1	STRING	4	996682	2439	875	0.5267	0.03543	0.00127	0.001637
	NonSpecific	0	996838	2443	719	0.5158	0	-0.00133	0.0
	ChIP-Seq	19	989303	2531	8147	0.49839	0.00885	-0.0004	0.007451
CGP-DSSPD-NR10-EXE2	STRING	2	996676	2445	877	0.52685	0.03474	-0.0001	0.000817
	NonSpecific	0	996834	2447	719	0.51547	0	-0.00133	0.0
	ChIP-Seq	14	989351	2483	8152	0.49803	0.00881	-0.00142	0.005607
CGP-DSSPD-NR10-EXE3	STRING	2	996795	2326	877	0.52647	0.03381	-3e-05	0.000859
	NonSpecific	3	996956	2325	716	0.51519	0.01541	0.00103	0.001289
	ChIP-Seq	25	989431	2403	8141	0.49831	0.00886	0.00117	0.010297
CGP-DSSPD-NR10-EXE4	STRING	2	996775	2346	877	0.5266	0.03314	-5e-05	0.000852
	NonSpecific	1	996934	2347	718	0.51555	0.01524	-0.00053	0.000426
	ChIP-Seq	13	989422	2412	8153	0.4979	0.00881	-0.00154	0.005361
CGP-DSSPD-NR10-EXE5	STRING	0	996676	2445	879	0.52613	0	-0.00147	0.0
	NonSpecific	3	996839	2442	716	0.51584	0.01498	0.00094	0.001227
	ChIP-Seq	29	989324	2510	8137	0.49834	0.00888	0.00183	0.011422
CGP-KM-BKM-NR10-EXE1	STRING	0	997346	1775	879	0.5257	0	-0.00125	0.0
	NonSpecific	1	997507	1774	718	0.51549	0.01451	-0.00024	0.000563
	ChIP-Seq	158	980071	11763	8008	0.50085	0.00921	0.00621	0.013254
CGP-KM-BKM-NR10-EXE2	STRING	4	996140	2981	875	0.526	0.03082	0.00085	0.00134
	NonSpecific	5	996301	2980	714	0.51668	0.0144	0.00195	0.001675
	ChIP-Seq	50	978450	13384	8116	0.49972	0.00907	-0.00576	0.003722
CGP-KM-BKM-NR10-EXE3	STRING	1	997114	2007	878	0.52569	0.03008	-0.00058	0.000498
	NonSpecific	2	997275	2006	717	0.51649	0.01399	0.00046	0.000996
	ChIP-Seq	47	983188	8646	8119	0.49842	0.00893	-0.00287	0.005407
CGP-KM-BKM-NR10-EXE4	STRING	1	997244	1877	878	0.52555	0.02928	-0.00051	0.000532
	NonSpecific	3	997406	1875	716	0.5164	0.01395	0.00142	0.001597
	ChIP-Seq	69	977736	14098	8097	0.49694	0.00877	-0.00439	0.00487
CGP-KM-BKM-NR10-EXE5	STRING	0	997399	1722	879	0.52538	0	-0.00123	0.0
	NonSpecific	0	997559	1722	719	0.51623	0	-0.00111	0.0
	ChIP-Seq	70	982995	8839	8096	0.49703	0.00878	-0.00032	0.007857
CGP-KM-DSSPD-NR10-EXE1	STRING	3	996605	2516	876	0.52525	0.02828	0.00053	0.001191
	NonSpecific	1	996763	2518	718	0.51582	0.01331	-0.0006	0.000397
	ChIP-Seq	29	988981	2853	8137	0.49742	0.00883	0.00113	0.010062
CGP-KM-DSSPD-NR10-EXE2	STRING	6	996630	2491	873	0.52581	0.02807	0.00257	0.002403
	NonSpecific	3	996787	2494	716	0.51552	0.01301	0.0009	0.001201
	ChIP-Seq	32	989023	2811	8134	0.49769	0.00885	0.00183	0.011256
CGP-KM-DSSPD-NR10-EXE3	STRING	1	996782	2339	878	0.52535	0.02748	-0.00074	0.000427
	NonSpecific	0	996941	2340	719	0.51517	0	-0.0013	0.0
	ChIP-Seq	34	989088	2746	8132	0.49849	0.00893	0.00238	0.01223
CGP-KM-DSSPD-NR10-EXE4	STRING	5	996730	2391	874	0.52472	0.02676	0.002	0.002087
	NonSpecific	3	996888	2393	716	0.51483	0.01242	0.00097	0.001252
	ChIP-Seq	28	989022	2812	8138	0.49837	0.00892	0.001	0.009859
CGP-KM-DSSPD-NR10-EXE5	STRING	3	996717	2404	876	0.5247	0.0264	0.00061	0.001246
	NonSpecific	3	996877	2404	716	0.51445	0.01213	0.00097	0.001246
	ChIP-Seq	8	989072	2762	8158	0.49749	0.00884	-0.00309	0.002888

Tabela 42: Tabular results for mHSC-L problem considering the 1000nTF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
GENIE3	STRING	9	478565	145	145	0.54852	0.1456	0.05814	0.058442
	NonSpecific	7	478237	310	310	0.51757	0.05981	0.02143	0.022082
	ChIP-Seq	49	468552	5132	5131	0.49843	0.01145	-0.00137	0.009458
GRNBOOST2	STRING	7	478563	147	147	0.54842	0.14181	0.04515	0.045455
	NonSpecific	5	478235	312	312	0.51748	0.05404	0.01512	0.015773
	ChIP-Seq	52	468556	5128	5128	0.49877	0.01184	-0.00079	0.010039
SINCERITIES	STRING	0	478578	132	154	0.54796	0	-0.0003	0.0
	NonSpecific	0	478265	282	317	0.51713	0	-0.00063	0.0
	ChIP-Seq	24	468864	4820	5156	0.49581	0.01087	-0.00573	0.004633
PPCOR	STRING	0	478018	692	154	0.54678	0	-0.00068	0.0
	NonSpecific	0	477855	692	317	0.51603	0	-0.00098	0.0
	ChIP-Seq	51	468555	5129	5129	0.49522	0.01113	-0.00098	0.009846
CGP-DSSPD-NR5-EXE1	STRING	0	470387	8323	154	0.54672	0	-0.00238	0.0
	NonSpecific	9	470233	8314	308	0.51733	0.03098	0.00217	0.001081
	ChIP-Seq	76	465437	8247	5104	0.49451	0.01125	-0.00217	0.009131
CGP-DSSPD-NR5-EXE2	STRING	5	470113	8597	149	0.54665	0.10926	0.00196	0.000581
	NonSpecific	10	469955	8592	307	0.51868	0.03121	0.00263	0.001163
	ChIP-Seq	99	465181	8503	5081	0.49497	0.01156	0.0009	0.011509
CGP-DSSPD-NR5-EXE3	STRING	3	470329	8381	151	0.54652	0.10758	0.00027	0.000358
	NonSpecific	6	470169	8378	311	0.51847	0.02981	0.00028	0.000716
	ChIP-Seq	72	465372	8312	5108	0.49352	0.01144	-0.00288	0.008588
CGP-DSSPD-NR5-EXE4	STRING	2	470168	8542	152	0.54633	0.10519	-0.00066	0.000234
	NonSpecific	5	470008	8539	312	0.51825	0.02856	-0.0004	0.000585
	ChIP-Seq	85	465225	8459	5095	0.49243	0.01141	-0.00113	0.009949
CGP-DSSPD-NR5-EXE5	STRING	2	470285	8425	152	0.54626	0.10442	-0.00063	0.000237
	NonSpecific	10	470130	8417	307	0.51809	0.02772	0.00273	0.001187
	ChIP-Seq	84	465341	8343	5096	0.49196	0.01146	-0.0011	0.009968
CGP-DSSPD-NR10-EXE1	STRING	0	477030	1680	154	0.54626	0	-0.00106	0.0
	NonSpecific	0	476867	1680	317	0.51784	0	-0.00153	0.0
	ChIP-Seq	30	471983	1701	5150	0.49279	0.01163	0.00379	0.017331
CGP-DSSPD-NR10-EXE2	STRING	1	477004	1706	153	0.54626	0.10442	0.00088	0.000586
	NonSpecific	1	476841	1706	316	0.51756	0.02531	-0.00018	0.000586
	ChIP-Seq	27	471885	1799	5153	0.49365	0.01179	0.00237	0.014786
CGP-DSSPD-NR10-EXE3	STRING	0	477133	1577	154	0.54613	0	-0.00103	0.0
	NonSpecific	3	476973	1574	314	0.51717	0.0239	0.00277	0.001902
	ChIP-Seq	27	472085	1599	5153	0.49468	0.01195	0.00327	0.016605
CGP-DSSPD-NR10-EXE4	STRING	0	477121	1589	154	0.54606	0	-0.00103	0.0
	NonSpecific	0	476958	1589	317	0.51688	0	-0.00148	0.0
	ChIP-Seq	19	472029	1655	5161	0.49481	0.01198	0.0003	0.01135
CGP-DSSPD-NR10-EXE5	STRING	1	476997	1713	153	0.54593	0.10082	0.00088	0.000583
	NonSpecific	1	476834	1713	316	0.51651	0.0219	-0.00018	0.000583
	ChIP-Seq	14	471938	1746	5166	0.49437	0.01194	-0.00168	0.007955
CGP-KM-BKM-NR10-EXE1	STRING	0	478127	583	154	0.54567	0	-0.00063	0.0
	NonSpecific	0	477964	583	317	0.51618	0	-0.0009	0.0
	ChIP-Seq	68	465177	8507	5112	0.4927	0.01179	-0.00377	0.00793
CGP-KM-BKM-NR10-EXE2	STRING	0	477995	715	154	0.54567	0	-0.00069	0.0
	NonSpecific	0	477832	715	317	0.51603	0	-0.001	0.0
	ChIP-Seq	54	468160	5524	5126	0.49161	0.01172	-0.00119	0.009681
CGP-KM-BKM-NR10-EXE3	STRING	0	478086	624	154	0.54567	0	-0.00065	0.0
	NonSpecific	0	477923	624	317	0.51598	0	-0.00093	0.0
	ChIP-Seq	41	468904	4780	5139	0.49078	0.01169	-0.00226	0.008504
CGP-KM-BKM-NR10-EXE4	STRING	0	477939	771	154	0.54567	0	-0.00072	0.0
	NonSpecific	0	477776	771	317	0.51588	0	-0.00103	0.0
	ChIP-Seq	54	468937	4747	5126	0.49102	0.01174	0.00042	0.011248
CGP-KM-BKM-NR10-EXE5	STRING	0	477446	1264	154	0.54561	0	-0.00092	0.0
	NonSpecific	0	477283	1264	317	0.5158	0	-0.00132	0.0
	ChIP-Seq	27	469348	4336	5153	0.48952	0.01163	-0.00429	0.006188
CGP-KM-DSSPD-NR10-EXE1	STRING	2	477050	1660	152	0.54534	0.09512	0.0029	0.001203
	NonSpecific	1	476886	1661	316	0.51537	0.01935	-0.00014	0.000602
	ChIP-Seq	16	471915	1769	5164	0.48941	0.01164	-0.0011	0.008964
CGP-KM-DSSPD-NR10-EXE2	STRING	1	477149	1561	153	0.54482	0.09077	0.00102	0.00064
	NonSpecific	2	476987	1560	315	0.51661	0.01971	0.00137	0.00128
	ChIP-Seq	28	471972	1712	5152	0.49019	0.01174	0.00308	0.016092
CGP-KM-DSSPD-NR10-EXE3	STRING	0	477087	1623	154	0.54469	0	-0.00105	0.0
	NonSpecific	1	476925	1622	316	0.51597	0.01866	-0.0001	0.000616
	ChIP-Seq	37	471924	1760	5143	0.49154	0.01189	0.0058	0.02059
CGP-KM-DSSPD-NR10-EXE4	STRING	0	477058	1652	154	0.54462	0	-0.00105	0.0
	NonSpecific	1	476896	1651	316	0.51704	0.01882	-0.00013	0.000605
	ChIP-Seq	17	471896	1788	5163	0.4911	0.01186	-0.00083	0.009418
CGP-KM-DSSPD-NR10-EXE5	STRING	1	477130	1580	153	0.54449	0.08832	0.001	0.000633
	NonSpecific	0	476966	1581	317	0.5165	0	-0.00148	0.0
	ChIP-Seq	32	471901	1783	5148	0.49217	0.01197	0.00406	0.017631

Tabela 43: Tabular results for hESC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	97	1977918	5033	5052	0.50762	0.03152	0.01633	0.018835
	NonSpecific	40	1978945	4558	4557	0.50339	0.00954	0.0064	0.008662
	ChIP-Seq	23	1974021	7029	7027	0.5002	0.00475	-0.00029	0.003247
GENIE3	STRING	51	1977862	5089	5098	0.50996	0.03071	0.00734	0.009905
	NonSpecific	19	1978911	4592	4578	0.5039	0.00735	0.00181	0.004113
	ChIP-Seq	60	1974039	7011	6990	0.50239	0.0065	0.00496	0.008465
GRNBOOST2	STRING	75	1977893	5058	5074	0.51153	0.03068	0.01203	0.014566
	NonSpecific	23	1978924	4579	4574	0.50372	0.0065	0.00269	0.004982
	ChIP-Seq	47	1974045	7005	7003	0.50283	0.00647	0.00313	0.006635
SINCERITIES	STRING	21	1978009	4942	5128	0.51236	0.02607	0.00162	0.004078
	NonSpecific	37	1979093	4410	4560	0.50651	0.00685	0.00592	0.008014
	ChIP-Seq	56	1974268	6782	6994	0.50493	0.00666	0.00459	0.007905
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	64	1957185	25766	5085	0.51255	0.02288	-0.00025	0.002436
	NonSpecific	69	1957741	25762	4529	0.50668	0.0061	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50525	0.0062	0.00115	0.004072
CGP-DSSPD-NR5-EXE2	STRING	64	1957185	25766	5085	0.51255	0.02288	-0.00025	0.002436
	NonSpecific	69	1957741	25762	4529	0.50668	0.0061	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50525	0.0062	0.00115	0.004072
CGP-DSSPD-NR5-EXE3	STRING	67	1957002	25949	5082	0.5123	0.02064	-3e-05	0.002528
	NonSpecific	62	1957549	25954	4535	0.50627	0.00549	0.00017	0.00234
	ChIP-Seq	77	1955110	25940	6974	0.5052	0.00585	-0.00114	0.002906
CGP-DSSPD-NR5-EXE4	STRING	67	1957052	25899	5082	0.51241	0.0194	-2e-05	0.00253
	NonSpecific	78	1957615	25888	4519	0.5071	0.00543	0.00166	0.002946
	ChIP-Seq	89	1955173	25877	6961	0.50503	0.00559	-0.00023	0.003361
CGP-DSSPD-NR5-EXE5	STRING	52	1956678	26273	5097	0.51192	0.01821	-0.0014	0.001937
	NonSpecific	65	1957243	26260	4532	0.50687	0.00514	0.00038	0.002421
	ChIP-Seq	102	1954827	26223	6948	0.50492	0.00543	0.00064	0.0038
CGP-DSSPD-NR10-EXE1	STRING	64	1957185	25766	5085	0.51192	0.01821	-0.00025	0.002436
	NonSpecific	69	1957741	25762	4529	0.50687	0.00514	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50492	0.00543	0.00115	0.004072
CGP-DSSPD-NR10-EXE2	STRING	64	1957185	25766	5085	0.51192	0.01821	-0.00025	0.002436
	NonSpecific	69	1957741	25762	4529	0.50687	0.00514	0.00086	0.002626
	ChIP-Seq	107	1955326	25724	6944	0.50492	0.00543	0.00115	0.004072
CGP-DSSPD-NR10-EXE3	STRING	67	1957002	25949	5082	0.51192	0.01821	-3e-05	0.002528
	NonSpecific	62	1957549	25954	4535	0.50687	0.00514	0.00017	0.00234
	ChIP-Seq	77	1955110	25940	6974	0.50492	0.00543	-0.00114	0.002906
CGP-DSSPD-NR10-EXE4	STRING	67	1957052	25899	5082	0.51192	0.01821	-2e-05	0.00253
	NonSpecific	78	1957615	25888	4519	0.50687	0.00514	0.00166	0.002946
	ChIP-Seq	89	1955173	25877	6961	0.50492	0.00543	-0.00023	0.003361
CGP-DSSPD-NR10-EXE5	STRING	52	1956678	26273	5097	0.51192	0.01821	-0.0014	0.001937
	NonSpecific	65	1957243	26260	4532	0.50687	0.00514	0.00038	0.002421
	ChIP-Seq	102	1954827	26223	6948	0.50492	0.00543	0.00064	0.0038
CGP-KM-BKM-NR10-EXE1	STRING	134	1953421	29530	5015	0.513	0.018	0.00467	0.004443
	NonSpecific	63	1953901	29602	4535	0.50676	0.00492	-0.00048	0.002089
	ChIP-Seq	89	1951475	29575	6961	0.50445	0.00523	-0.00113	0.002951
CGP-KM-BKM-NR10-EXE2	STRING	128	1953707	29244	5021	0.51335	0.01811	0.00426	0.004287
	NonSpecific	59	1954189	29314	4539	0.50675	0.0049	-0.00077	0.001976
	ChIP-Seq	76	1951754	29296	6974	0.50449	0.00523	-0.00198	0.002545
CGP-KM-BKM-NR10-EXE3	STRING	111	1954647	28304	5038	0.51391	0.0179	0.00312	0.003847
	NonSpecific	63	1955151	28352	4534	0.50669	0.00478	-0.00024	0.002184
	ChIP-Seq	88	1952723	28327	6962	0.50421	0.00511	-0.00091	0.00305
CGP-KM-BKM-NR10-EXE4	STRING	116	1953899	29052	5033	0.51355	0.01735	0.00333	0.003923
	NonSpecific	53	1954388	29115	4544	0.50679	0.0047	-0.00126	0.001792
	ChIP-Seq	85	1951967	29083	6965	0.50376	0.005	-0.0013	0.002874
CGP-KM-BKM-NR10-EXE5	STRING	96	1954883	28068	5053	0.5137	0.01707	0.00193	0.003353
	NonSpecific	74	1955413	28090	4523	0.50694	0.00466	0.00079	0.002584
	ChIP-Seq	69	1952955	28095	6981	0.50357	0.00495	-0.00221	0.00241
CGP-KM-DSSPD-NR10-EXE1	STRING	81	1958084	24867	5068	0.5152	0.01716	0.00146	0.003184
	NonSpecific	65	1958618	24885	4534	0.50731	0.00463	0.00068	0.002555
	ChIP-Seq	83	1956185	24865	6967	0.50344	0.0049	-0.00042	0.003263
CGP-KM-DSSPD-NR10-EXE2	STRING	69	1959454	23497	5080	0.51531	0.01717	0.00073	0.002876
	NonSpecific	60	1959997	23506	4537	0.50724	0.00461	0.00053	0.002501
	ChIP-Seq	55	1957539	23511	6995	0.50339	0.00489	-0.00223	0.002292
CGP-KM-DSSPD-NR10-EXE3	STRING	90	1958369	24582	5059	0.51693	0.01735	0.00233	0.003579
	NonSpecific	59	1958890	24613	4538	0.50737	0.00456	0.00018	0.002346
	ChIP-Seq	77	1956455	24595	6973	0.50223	0.00474	-0.0008	0.003062
CGP-KM-DSSPD-NR10-EXE4	STRING	80	1959210	23741	5069	0.51803	0.01725	0.00167	0.00329
	NonSpecific	68	1959750	23753	4529	0.50744	0.00451	0.00124	0.002797
	ChIP-Seq	82	1957311	23739	6968	0.502	0.00471	-0.00019	0.003372
CGP-KM-DSSPD-NR10-EXE5	STRING	84	1958605	24346	5065	0.51849	0.01699	0.00186	0.00338
	NonSpecific	64	1959137	24366	4533	0.5072	0.00443	0.00071	0.002575
	ChIP-Seq	87	1956706	24344	6964	0.50104	0.0046	3e-05	0.0035

Tabela 44: Tabular results for hHep problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	214	2079032	8672	8786	0.50889	0.0279	0.01975	0.023767
	NonSpecific	50	2086137	5232	5285	0.50337	0.00811	0.0069	0.009342
	ChIP-Seq	184	2066094	15200	15226	0.5025	0.01184	0.00464	0.011827
GENIE3	STRING	115	2078825	8879	8885	0.50935	0.02291	0.00853	0.012774
	NonSpecific	28	2086045	5324	5307	0.50366	0.00648	0.0027	0.005231
	ChIP-Seq	79	2065848	15446	15331	0.50086	0.0094	-0.00229	0.005077
GRNBOOST2	STRING	116	2078877	8827	8884	0.51008	0.02194	0.00869	0.012885
	NonSpecific	28	2086064	5305	5307	0.50358	0.00594	0.00271	0.005233
	ChIP-Seq	98	2065973	15321	15312	0.50076	0.00917	-0.001	0.006299
SINCERITIES	STRING	33	2078834	8870	8967	0.50967	0.01873	-0.00059	0.003665
	NonSpecific	10	2086084	5285	5325	0.50331	0.00511	-0.00065	0.001869
	ChIP-Seq	171	2066105	15189	15241	0.50273	0.00984	0.0038	0.01099
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	127	2061052	26652	8873	0.50993	0.01748	0.00078	0.00465
	NonSpecific	69	2064659	26710	5266	0.50412	0.00506	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50296	0.00962	0.00115	0.008054
CGP-DSSPD-NR5-EXE2	STRING	127	2061052	26652	8873	0.50993	0.01748	0.00078	0.00465
	NonSpecific	69	2064659	26710	5266	0.50412	0.00506	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50296	0.00962	0.00115	0.008054
CGP-DSSPD-NR5-EXE3	STRING	117	2060889	26815	8883	0.50963	0.01643	9e-05	0.004266
	NonSpecific	58	2064495	26874	5277	0.50387	0.00474	-0.00089	0.002115
	ChIP-Seq	190	2054549	26745	15223	0.50259	0.00935	-0.0004	0.006928
CGP-DSSPD-NR5-EXE4	STRING	97	2061790	25914	8903	0.50905	0.01558	-0.00097	0.003655
	NonSpecific	75	2065433	25936	5260	0.50438	0.0047	0.00075	0.002826
	ChIP-Seq	226	2055508	25786	15185	0.5032	0.00938	0.00176	0.008516
CGP-DSSPD-NR5-EXE5	STRING	126	2061057	26647	8874	0.50922	0.01523	0.00072	0.004613
	NonSpecific	77	2064673	26696	5258	0.50455	0.00461	0.00075	0.002819
	ChIP-Seq	192	2054711	26583	15220	0.50334	0.00932	-0.00024	0.007029
CGP-DSSPD-NR10-EXE1	STRING	127	2061052	26652	8873	0.50922	0.01523	0.00078	0.00465
	NonSpecific	69	2064659	26710	5266	0.50455	0.00461	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50334	0.00932	0.00115	0.008054
CGP-DSSPD-NR10-EXE2	STRING	127	2061052	26652	8873	0.50922	0.01523	0.00078	0.00465
	NonSpecific	69	2064659	26710	5266	0.50455	0.00461	7e-05	0.002526
	ChIP-Seq	220	2054734	26560	15191	0.50334	0.00932	0.00115	0.008054
CGP-DSSPD-NR10-EXE3	STRING	117	2060889	26815	8883	0.50922	0.01523	9e-05	0.004266
	NonSpecific	58	2064495	26874	5277	0.50455	0.00461	-0.00089	0.002115
	ChIP-Seq	190	2054549	26745	15223	0.50334	0.00932	-0.0004	0.006928
CGP-DSSPD-NR10-EXE4	STRING	97	2061790	25914	8903	0.50922	0.01523	-0.00097	0.003655
	NonSpecific	75	2065433	25936	5260	0.50455	0.00461	0.00075	0.002826
	ChIP-Seq	226	2055508	25786	15185	0.50334	0.00932	0.00176	0.008516
CGP-DSSPD-NR10-EXE5	STRING	126	2061057	26647	8874	0.50922	0.01523	0.00072	0.004613
	NonSpecific	77	2064673	26696	5258	0.50455	0.00461	0.00075	0.002819
	ChIP-Seq	192	2054711	26583	15220	0.50334	0.00932	-0.00024	0.007029
CGP-KM-BKM-NR10-EXE1	STRING	286	2057258	30446	8714	0.51412	0.01636	0.00935	0.009104
	NonSpecific	217	2060854	30515	5118	0.50813	0.0052	0.01093	0.006907
	ChIP-Seq	277	2050838	30456	15134	0.50659	0.00977	0.00237	0.008817
CGP-KM-BKM-NR10-EXE2	STRING	269	2058082	29622	8731	0.51488	0.01629	0.00866	0.008797
	NonSpecific	199	2061677	29692	5136	0.51043	0.00558	0.00982	0.006508
	ChIP-Seq	283	2051685	29609	15128	0.50936	0.01014	0.00298	0.009255
CGP-KM-BKM-NR10-EXE3	STRING	299	2058239	29465	8701	0.51825	0.01684	0.01056	0.009846
	NonSpecific	238	2061843	29526	5097	0.5118	0.00569	0.01299	0.007837
	ChIP-Seq	358	2051887	29407	15053	0.51179	0.01038	0.00657	0.011789
CGP-KM-BKM-NR10-EXE4	STRING	270	2058639	29065	8730	0.5208	0.01717	0.00895	0.009029
	NonSpecific	201	2062235	29134	5134	0.51289	0.00576	0.01018	0.006722
	ChIP-Seq	270	2052229	29065	15140	0.51287	0.0104	0.00259	0.009029
CGP-KM-BKM-NR10-EXE5	STRING	276	2058234	29470	8724	0.52253	0.01727	0.00915	0.009105
	NonSpecific	192	2061815	29554	5143	0.51318	0.0057	0.00931	0.006334
	ChIP-Seq	301	2051846	29448	15112	0.51423	0.01046	0.00389	0.00993
CGP-KM-DSSPD-NR10-EXE1	STRING	177	2061628	26076	8823	0.52222	0.01688	0.00422	0.006623
	NonSpecific	109	2065225	26144	5226	0.51261	0.00548	0.00359	0.004079
	ChIP-Seq	204	2055244	26050	15207	0.51315	0.0102	0.00055	0.007634
CGP-KM-DSSPD-NR10-EXE2	STRING	189	2062376	25328	8811	0.52231	0.01688	0.00529	0.007269
	NonSpecific	101	2065953	25416	5234	0.51289	0.00551	0.00312	0.003884
	ChIP-Seq	203	2055979	25315	15208	0.51328	0.01022	0.00079	0.007807
CGP-KM-DSSPD-NR10-EXE3	STRING	184	2061736	25968	8816	0.52192	0.01657	0.00472	0.006915
	NonSpecific	97	2065314	26055	5238	0.5121	0.00529	0.0026	0.003645
	ChIP-Seq	153	2055294	26000	15258	0.51207	0.00998	-0.00197	0.00575
CGP-KM-DSSPD-NR10-EXE4	STRING	153	2062216	25488	8847	0.52143	0.01626	0.00285	0.005862
	NonSpecific	79	2065807	25562	5256	0.51159	0.00514	0.00119	0.003027
	ChIP-Seq	126	2055779	25515	15284	0.51001	0.0097	-0.00317	0.004827
CGP-KM-DSSPD-NR10-EXE5	STRING	186	2062015	25689	8814	0.52118	0.01602	0.00495	0.007044
	NonSpecific	98	2065592	25777	5237	0.51129	0.00503	0.00276	0.003711
	ChIP-Seq	134	2055553	25741	15276	0.50836	0.0095	-0.00284	0.005074

Tabela 45: Tabular results for mDC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	130	1733375	5768	5768	0.5085	0.03675	0.01872	0.022041
	NonSpecific	71	1737274	3849	3847	0.50803	0.0208	0.01591	0.018112
	ChIP-Seq	2	1742656	1192	1191	0.5004	0.00363	0.00099	0.001675
GENIE3	STRING	58	1733303	5840	5840	0.508	0.02707	0.00648	0.009834
	NonSpecific	29	1737234	3889	3889	0.50817	0.01409	0.00517	0.007402
	ChIP-Seq	1	1742656	1192	1192	0.50005	0.00259	0.00015	0.000838
GRNBOOST2	STRING	61	1733306	5837	5837	0.5079	0.02392	0.00699	0.010342
	NonSpecific	25	1737230	3893	3893	0.5083	0.01187	0.00415	0.006381
	ChIP-Seq	0	1742655	1193	1193	0.49988	0	-0.00068	0.0
SINCERITIES	STRING	16	1733619	5524	5882	0.50754	0.0207	-0.00048	0.002712
	NonSpecific	5	1737422	3701	3913	0.5078	0.00897	-0.00087	0.001276
	ChIP-Seq	0	1742711	1137	1193	0.49951	0	-0.00067	0.0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	97	1712177	26966	5801	0.5073	0.01891	0.00044	0.003584
	NonSpecific	52	1714112	27011	3866	0.5075	0.00762	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.49956	0.00218	0.00044	0.000776
CGP-DSSPD-NR5-EXE2	STRING	97	1712177	26966	5801	0.5073	0.01891	0.00044	0.003584
	NonSpecific	52	1714112	27011	3866	0.5075	0.00762	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.49956	0.00218	0.00044	0.000776
CGP-DSSPD-NR5-EXE3	STRING	87	1712290	26853	5811	0.50754	0.01813	-0.00032	0.003229
	NonSpecific	56	1714239	26884	3862	0.50747	0.00694	-0.00044	0.002079
	ChIP-Seq	23	1716931	26917	1170	0.49962	0.00228	0.00081	0.000854
CGP-DSSPD-NR5-EXE4	STRING	120	1712255	26888	5778	0.50789	0.01768	0.0023	0.004443
	NonSpecific	67	1714182	26941	3851	0.50774	0.0066	0.00062	0.002481
	ChIP-Seq	20	1716860	26988	1173	0.49969	0.00234	0.00027	0.000741
CGP-DSSPD-NR5-EXE5	STRING	77	1712319	26824	5821	0.5073	0.01691	-0.00112	0.002862
	NonSpecific	59	1714281	26842	3859	0.5074	0.00621	-0.00014	0.002193
	ChIP-Seq	23	1716970	26878	1170	0.50059	0.00277	0.00082	0.000855
CGP-DSSPD-NR10-EXE1	STRING	97	1712177	26966	5801	0.5073	0.01691	0.00044	0.003584
	NonSpecific	52	1714112	27011	3866	0.5074	0.00621	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.50059	0.00277	0.00044	0.000776
CGP-DSSPD-NR10-EXE2	STRING	97	1712177	26966	5801	0.5073	0.01691	0.00044	0.003584
	NonSpecific	52	1714112	27011	3866	0.5074	0.00621	-0.00086	0.001921
	ChIP-Seq	21	1716806	27042	1172	0.50059	0.00277	0.00044	0.000776
CGP-DSSPD-NR10-EXE3	STRING	87	1712290	26853	5811	0.5073	0.01691	-0.00032	0.003229
	NonSpecific	56	1714239	26884	3862	0.5074	0.00621	-0.00044	0.002079
	ChIP-Seq	23	1716931	26917	1170	0.50059	0.00277	0.00081	0.000854
CGP-DSSPD-NR10-EXE4	STRING	120	1712255	26888	5778	0.5073	0.01691	0.0023	0.004443
	NonSpecific	67	1714182	26941	3851	0.5074	0.00621	0.00062	0.002481
	ChIP-Seq	20	1716860	26988	1173	0.50059	0.00277	0.00027	0.000741
CGP-DSSPD-NR10-EXE5	STRING	77	1712319	26824	5821	0.5073	0.01691	-0.00112	0.002862
	NonSpecific	59	1714281	26842	3859	0.5074	0.00621	-0.00014	0.002193
	ChIP-Seq	23	1716970	26878	1170	0.50059	0.00277	0.00082	0.000855
CGP-KM-BKM-NR10-EXE1	STRING	138	1707417	31726	5760	0.50712	0.0165	0.00224	0.004331
	NonSpecific	82	1709341	31782	3836	0.50745	0.006	0.00095	0.002573
	ChIP-Seq	0	1742472	1376	1193	0.50021	0	-0.00073	0.0
CGP-KM-BKM-NR10-EXE2	STRING	134	1707641	31502	5764	0.5071	0.01648	0.002	0.004236
	NonSpecific	80	1709567	31556	3838	0.50742	0.00599	0.00081	0.002529
	ChIP-Seq	0	1742508	1340	1193	0.50021	0	-0.00072	0.0
CGP-KM-BKM-NR10-EXE3	STRING	151	1705011	34132	5747	0.50862	0.01688	0.0025	0.004405
	NonSpecific	100	1706940	34183	3818	0.50713	0.00578	0.00201	0.002917
	ChIP-Seq	0	1742341	1507	1193	0.49995	0	-0.00077	0.0
CGP-KM-BKM-NR10-EXE4	STRING	130	1706420	32723	5768	0.50922	0.01686	0.00138	0.003957
	NonSpecific	79	1708349	32774	3839	0.50768	0.00578	0.00047	0.002405
	ChIP-Seq	0	1742337	1511	1193	0.49977	0	-0.00077	0.0
CGP-KM-BKM-NR10-EXE5	STRING	131	1705268	33875	5767	0.51034	0.01709	0.00115	0.003852
	NonSpecific	79	1707196	33927	3839	0.50768	0.00569	0.00023	0.002323
	ChIP-Seq	0	1742305	1543	1193	0.49958	0	-0.00078	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	110	1714296	24847	5788	0.51158	0.01727	0.00213	0.004408
	NonSpecific	83	1716249	24874	3835	0.50865	0.00575	0.00275	0.003326
	ChIP-Seq	16	1718907	24941	1177	0.49921	0.00226	-0.0002	0.000641
CGP-KM-DSSPD-NR10-EXE2	STRING	113	1714250	24893	5785	0.51156	0.01726	0.00237	0.004519
	NonSpecific	83	1716200	24923	3835	0.50863	0.00575	0.00274	0.003319
	ChIP-Seq	16	1718858	24990	1177	0.4992	0.00226	-0.0002	0.00064
CGP-KM-DSSPD-NR10-EXE3	STRING	93	1713874	25269	5805	0.51254	0.01734	0.0006	0.003667
	NonSpecific	69	1715830	25293	3849	0.50898	0.0057	0.00122	0.002721
	ChIP-Seq	18	1718504	25344	1175	0.49883	0.00218	0.00012	0.00071
CGP-KM-DSSPD-NR10-EXE4	STRING	95	1713531	25612	5803	0.51266	0.01717	0.00067	0.003695
	NonSpecific	68	1715484	25639	3850	0.50952	0.0057	0.00103	0.002645
	ChIP-Seq	10	1718151	25697	1183	0.49848	0.00211	-0.00138	0.000389
CGP-KM-DSSPD-NR10-EXE5	STRING	93	1713671	25472	5805	0.51311	0.01712	0.00054	0.003638
	NonSpecific	60	1715618	25505	3858	0.50957	0.00563	0.00026	0.002347
	ChIP-Seq	28	1718311	25537	1165	0.49812	0.00205	0.00192	0.001095

Tabela 46: Tabular results for mESC problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	251	2607692	8229	8228	0.51305	0.05944	0.02645	0.029599
	NonSpecific	127	2608467	7903	7903	0.50671	0.02026	0.0128	0.015816
	ChIP-Seq	958	2539767	41838	41837	0.50297	0.02627	0.00618	0.022385
GENIE3	STRING	148	2607588	8333	8331	0.51542	0.04868	0.01427	0.017451
	NonSpecific	81	2608421	7949	7949	0.5075	0.01354	0.00705	0.010087
	ChIP-Seq	1158	2539968	41637	41637	0.50528	0.02613	0.01093	0.027059
GRNBOOST2	STRING	145	2607587	8334	8334	0.51608	0.04401	0.01392	0.017101
	NonSpecific	92	2608432	7938	7938	0.50792	0.01224	0.00842	0.011457
	ChIP-Seq	1202	2540012	41593	41593	0.50648	0.02647	0.01198	0.028087
SINCERITIES	STRING	52	2607634	8287	8427	0.51701	0.0349	0.00299	0.006132
	NonSpecific	36	2608508	7862	7994	0.50832	0.01024	0.00149	0.004483
	ChIP-Seq	752	2540495	41110	42043	0.50712	0.02566	0.00167	0.017572
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	91	2586718	29203	8388	0.51691	0.03113	-0.00023	0.003106
	NonSpecific	93	2587169	29201	7937	0.50773	0.00895	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50612	0.02484	-0.00257	0.013245
CGP-DSSPD-NR5-EXE2	STRING	91	2586718	29203	8388	0.51691	0.03113	-0.00023	0.003106
	NonSpecific	93	2587169	29201	7937	0.50773	0.00895	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50612	0.02484	-0.00257	0.013245
CGP-DSSPD-NR5-EXE3	STRING	91	2586347	29574	8388	0.51682	0.02867	-0.00031	0.003068
	NonSpecific	83	2586788	29582	7947	0.50798	0.00847	-0.00051	0.002798
	ChIP-Seq	429	2552369	29236	42366	0.50559	0.02442	-0.00156	0.014461
CGP-DSSPD-NR5-EXE4	STRING	104	2586561	29360	8375	0.51676	0.02698	0.00056	0.00353
	NonSpecific	94	2587000	29370	7936	0.5084	0.0082	0.00025	0.00319
	ChIP-Seq	468	2552609	28996	42327	0.50534	0.02418	-0.00036	0.015884
CGP-DSSPD-NR5-EXE5	STRING	99	2586481	29440	8380	0.51697	0.02586	0.00023	0.003352
	NonSpecific	84	2586915	29455	7946	0.50836	0.00788	-0.00042	0.002844
	ChIP-Seq	462	2552528	29077	42333	0.50513	0.02402	-0.00056	0.01564
CGP-DSSPD-NR10-EXE1	STRING	91	2586718	29203	8388	0.51697	0.02586	-0.00023	0.003106
	NonSpecific	93	2587169	29201	7937	0.50836	0.00788	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50513	0.02402	-0.00257	0.013245
CGP-DSSPD-NR10-EXE2	STRING	91	2586718	29203	8388	0.51697	0.02586	-0.00023	0.003106
	NonSpecific	93	2587169	29201	7937	0.50836	0.00788	0.00022	0.003175
	ChIP-Seq	388	2552699	28906	42407	0.50513	0.02402	-0.00257	0.013245
CGP-DSSPD-NR10-EXE3	STRING	91	2586347	29574	8388	0.51697	0.02586	-0.00031	0.003068
	NonSpecific	83	2586788	29582	7947	0.50836	0.00788	-0.00051	0.002798
	ChIP-Seq	429	2552369	29236	42366	0.50513	0.02402	-0.00156	0.014461
CGP-DSSPD-NR10-EXE4	STRING	104	2586561	29360	8375	0.51697	0.02586	0.00056	0.00353
	NonSpecific	94	2587000	29370	7936	0.50836	0.00788	0.00025	0.00319
	ChIP-Seq	468	2552609	28996	42327	0.50513	0.02402	-0.00036	0.015884
CGP-DSSPD-NR10-EXE5	STRING	99	2586481	29440	8380	0.51697	0.02586	0.00023	0.003352
	NonSpecific	84	2586915	29455	7946	0.50836	0.00788	-0.00042	0.002844
	ChIP-Seq	462	2552528	29077	42333	0.50513	0.02402	-0.00056	0.01564
CGP-KM-BKM-NR10-EXE1	STRING	174	2576104	39817	8305	0.51815	0.02542	0.00246	0.004351
	NonSpecific	139	2576518	39852	7891	0.50933	0.00786	0.00094	0.003476
	ChIP-Seq	564	2542178	39427	42231	0.50421	0.02371	-0.00216	0.014103
CGP-KM-BKM-NR10-EXE2	STRING	194	2575971	39950	8285	0.51845	0.02551	0.00352	0.004833
	NonSpecific	168	2576394	39976	7862	0.5095	0.00788	0.00254	0.004185
	ChIP-Seq	696	2542157	39448	42099	0.5061	0.02408	0.00102	0.017338
CGP-KM-BKM-NR10-EXE3	STRING	120	2577236	38685	8359	0.51812	0.02463	-0.0003	0.003092
	NonSpecific	115	2577680	38690	7915	0.50949	0.0077	-0.00021	0.002964
	ChIP-Seq	462	2543262	38343	42333	0.50463	0.02374	-0.00426	0.011906
CGP-KM-BKM-NR10-EXE4	STRING	177	2575813	40108	8302	0.51791	0.02395	0.00256	0.004394
	NonSpecific	148	2576233	40137	7882	0.50953	0.00756	0.00139	0.003674
	ChIP-Seq	709	2542029	39576	42086	0.50546	0.02386	0.00128	0.0176
CGP-KM-BKM-NR10-EXE5	STRING	216	2576805	39116	8263	0.51799	0.02354	0.00491	0.005492
	NonSpecific	174	2577212	39158	7856	0.51019	0.00757	0.00305	0.004424
	ChIP-Seq	541	2542814	38791	42254	0.50477	0.02374	-0.00248	0.013755
CGP-KM-DSSPD-NR10-EXE1	STRING	83	2588555	27366	8396	0.51878	0.02327	-0.00038	0.003024
	NonSpecific	75	2588996	27374	7955	0.50984	0.00737	-0.00061	0.002732
	ChIP-Seq	477	2554633	26972	42318	0.50508	0.02379	0.00087	0.017378
CGP-KM-DSSPD-NR10-EXE2	STRING	94	2588645	27276	8385	0.51857	0.023	0.00037	0.003434
	NonSpecific	88	2589088	27282	7942	0.5098	0.00732	0.00029	0.003215
	ChIP-Seq	435	2554670	26935	42360	0.50458	0.02369	-0.00034	0.015893
CGP-KM-DSSPD-NR10-EXE3	STRING	84	2589061	26860	8395	0.51884	0.02266	-0.0002	0.003118
	NonSpecific	85	2589511	26859	7945	0.5097	0.00721	0.00017	0.003155
	ChIP-Seq	405	2555066	26539	42390	0.50417	0.02363	-0.00103	0.015031
CGP-KM-DSSPD-NR10-EXE4	STRING	83	2588992	26929	8396	0.51893	0.02234	-0.00028	0.003073
	NonSpecific	83	2589441	26929	7947	0.50997	0.00717	2e-05	0.003073
	ChIP-Seq	346	2554939	26666	42449	0.50329	0.02353	-0.00282	0.012809
CGP-KM-DSSPD-NR10-EXE5	STRING	95	2589419	26502	8384	0.51933	0.02216	0.00061	0.003572
	NonSpecific	77	2589850	26520	7953	0.50965	0.00707	-0.0003	0.002895
	ChIP-Seq	370	2555378	26227	42425	0.50296	0.02351	-0.00191	0.013911

Tabela 47: Tabular results for mHSC-E problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	71	1446035	1755	1755	0.51745	0.05694	0.03767	0.038883
	NonSpecific	36	1445732	1924	1924	0.50819	0.02343	0.01704	0.018367
	ChIP-Seq	276	1405941	21700	21699	0.4988	0.01485	-0.00264	0.012559
GENIE3	STRING	51	1446014	1776	1775	0.52204	0.04801	0.0267	0.027915
	NonSpecific	46	1445741	1915	1914	0.51387	0.02133	0.02214	0.023457
	ChIP-Seq	51	1405716	21925	21924	0.49448	0.01238	-0.01304	0.002321
GRNBOOST2	STRING	58	1446022	1768	1768	0.52393	0.04918	0.03054	0.031763
	NonSpecific	44	1445740	1916	1916	0.51412	0.0223	0.02113	0.022449
	ChIP-Seq	113	1405779	21862	21862	0.49327	0.01234	-0.01017	0.005142
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	22	1425250	22540	1804	0.52453	0.04572	-0.00101	0.000975
	NonSpecific	31	1425125	22531	1929	0.51527	0.0198	7e-05	0.001374
	ChIP-Seq	327	1405406	22235	21648	0.49303	0.01341	-0.00068	0.014493
CGP-DSSPD-NR5-EXE2	STRING	25	1425278	22512	1801	0.52433	0.04224	-0.00053	0.001109
	NonSpecific	23	1425142	22514	1937	0.51544	0.01774	-0.00113	0.001021
	ChIP-Seq	336	1405440	22201	21639	0.49283	0.01393	-0.00026	0.014909
CGP-DSSPD-NR5-EXE3	STRING	20	1425974	21816	1806	0.52386	0.03927	-0.0012	0.000916
	NonSpecific	24	1425844	21812	1936	0.51505	0.01595	-0.00085	0.001099
	ChIP-Seq	359	1406164	21477	21616	0.49351	0.01441	0.0013	0.016441
CGP-DSSPD-NR5-EXE4	STRING	28	1425373	22417	1798	0.52394	0.03735	-4e-05	0.001247
	NonSpecific	44	1425255	22401	1916	0.51472	0.01477	0.00208	0.00196
	ChIP-Seq	360	1405556	22085	21615	0.49404	0.0147	0.0009	0.016039
CGP-DSSPD-NR5-EXE5	STRING	28	1426042	21748	1798	0.52346	0.03521	9e-05	0.001286
	NonSpecific	24	1425904	21752	1936	0.51438	0.01386	-0.00084	0.001102
	ChIP-Seq	331	1406196	21445	21644	0.49404	0.01482	4e-05	0.0152
CGP-DSSPD-NR10-EXE1	STRING	28	1424744	23046	1798	0.52323	0.03357	-0.00017	0.001213
	NonSpecific	36	1424618	23038	1924	0.51401	0.01309	0.00072	0.00156
	ChIP-Seq	324	1404891	22750	21651	0.49367	0.01484	-0.00116	0.014042
CGP-DSSPD-NR10-EXE2	STRING	28	1424744	23046	1798	0.52323	0.03357	-0.00017	0.001213
	NonSpecific	36	1424618	23038	1924	0.51401	0.01309	0.00072	0.00156
	ChIP-Seq	324	1404891	22750	21651	0.49367	0.01484	-0.00116	0.014042
CGP-DSSPD-NR10-EXE3	STRING	20	1424542	23248	1806	0.52388	0.03295	-0.00144	0.00086
	NonSpecific	27	1424415	23241	1933	0.51396	0.01264	-0.00067	0.00116
	ChIP-Seq	342	1404715	22926	21633	0.49353	0.01489	-0.00048	0.014698
CGP-DSSPD-NR10-EXE4	STRING	28	1424849	22941	1798	0.52343	0.03162	-0.00015	0.001219
	NonSpecific	31	1424718	22938	1929	0.51341	0.01212	-1e-05	0.00135
	ChIP-Seq	364	1405036	22605	21611	0.49384	0.01496	0.00072	0.015847
CGP-DSSPD-NR10-EXE5	STRING	25	1424907	22883	1801	0.5238	0.031	-0.0006	0.001091
	NonSpecific	34	1424782	22874	1926	0.51332	0.01178	0.00046	0.001484
	ChIP-Seq	386	1405119	22522	21589	0.49482	0.01509	0.00175	0.01685
CGP-KM-BKM-NR10-EXE1	STRING	39	1425538	22252	1787	0.52362	0.03006	0.00173	0.00175
	NonSpecific	36	1425401	22255	1924	0.51321	0.01146	0.00089	0.001615
	ChIP-Seq	333	1405683	21958	21642	0.49499	0.0151	-0.00022	0.014939
CGP-KM-BKM-NR10-EXE2	STRING	32	1426185	21605	1794	0.52348	0.02974	0.00076	0.001479
	NonSpecific	38	1426057	21599	1922	0.51302	0.01133	0.00135	0.001756
	ChIP-Seq	315	1406319	21322	21660	0.4929	0.01493	-0.0006	0.014558
CGP-KM-BKM-NR10-EXE3	STRING	30	1426252	21538	1796	0.52353	0.02942	0.00046	0.001391
	NonSpecific	52	1426140	21516	1908	0.51299	0.01122	0.00354	0.002411
	ChIP-Seq	289	1406362	21279	21686	0.4925	0.0149	-0.00177	0.013399
CGP-KM-BKM-NR10-EXE4	STRING	34	1426128	21662	1792	0.52335	0.02907	0.00107	0.001567
	NonSpecific	37	1425997	21659	1923	0.51302	0.01115	0.00119	0.001705
	ChIP-Seq	246	1406191	21450	21729	0.49092	0.01478	-0.00385	0.011338
CGP-KM-BKM-NR10-EXE5	STRING	46	1425950	21840	1780	0.52323	0.02883	0.00294	0.002102
	NonSpecific	33	1425803	21853	1927	0.51281	0.01103	0.00052	0.001508
	ChIP-Seq	288	1406043	21598	21687	0.49041	0.01474	-0.00203	0.013159
CGP-KM-DSSPD-NR10-EXE1	STRING	49	1425850	21940	1777	0.52329	0.02823	0.00339	0.002228
	NonSpecific	47	1425714	21942	1913	0.51225	0.01067	0.00265	0.002137
	ChIP-Seq	314	1405966	21675	21661	0.49007	0.01473	-0.00089	0.01428
CGP-KM-DSSPD-NR10-EXE2	STRING	48	1425982	21808	1778	0.52327	0.02819	0.00327	0.002196
	NonSpecific	27	1425827	21829	1933	0.51223	0.01066	-0.00039	0.001235
	ChIP-Seq	324	1406109	21532	21651	0.49178	0.01485	-0.00034	0.014824
CGP-KM-DSSPD-NR10-EXE3	STRING	43	1426038	21752	1783	0.52333	0.02767	0.00248	0.001973
	NonSpecific	48	1425909	21747	1912	0.51269	0.01061	0.00286	0.002202
	ChIP-Seq	280	1406126	21515	21695	0.4906	0.01478	-0.00234	0.012847
CGP-KM-DSSPD-NR10-EXE4	STRING	46	1427231	20559	1780	0.52335	0.02716	0.00329	0.002232
	NonSpecific	35	1427086	20570	1925	0.51217	0.01038	0.00113	0.001699
	ChIP-Seq	285	1407321	20320	21690	0.48989	0.01474	-0.0013	0.013832
CGP-KM-DSSPD-NR10-EXE5	STRING	33	1425911	21879	1793	0.52365	0.02716	0.00086	0.001506
	NonSpecific	39	1425783	21873	1921	0.51187	0.00954	0.00144	0.00178
	ChIP-Seq	264	1405993	21648	21711	0.48877	0.01471	-0.00315	0.012048



Tabela 48: Tabular results for mHSC-GM problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	35	1278836	1277	1276	0.5114	0.04191	0.02569	0.026677
	NonSpecific	28	1278737	1330	1329	0.50949	0.03316	0.01959	0.020619
	ChIP-Seq	117	1253270	14019	14018	0.49848	0.01049	-0.00279	0.008277
GENIE3	STRING	55	1278857	1256	1256	0.52309	0.04703	0.04097	0.041953
	NonSpecific	33	1278742	1325	1324	0.51529	0.03318	0.02328	0.0243
	ChIP-Seq	85	1253237	14052	14050	0.49728	0.00997	-0.00507	0.006013
GRNBOOST2	STRING	53	1278855	1258	1258	0.52696	0.05021	0.03944	0.040427
	NonSpecific	35	1278745	1322	1322	0.51732	0.03352	0.02476	0.025792
	ChIP-Seq	116	1253270	14019	14019	0.49701	0.01015	-0.00286	0.008207
SINCERITIES	STRING	0	1278806	1307	1311	0.5267	0	-0.00102	0.0
	NonSpecific	0	1278714	1353	1357	0.51701	0	-0.00106	0.0
	ChIP-Seq	113	1253398	13891	14022	0.49545	0.01018	-0.00298	0.007994
PPCOR	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
CGP-DSSPD-NR5-EXE1	STRING	14	1263303	16810	1297	0.52617	0.04348	-0.00069	0.000832
	NonSpecific	13	1263256	16811	1344	0.51643	0.02326	-0.00102	0.000773
	ChIP-Seq	153	1250618	16671	13982	0.49453	0.01036	-0.00214	0.009094
CGP-DSSPD-NR5-EXE2	STRING	19	1264942	15171	1292	0.52595	0.04007	0.00078	0.001251
	NonSpecific	17	1264894	15173	1340	0.5166	0.0205	0.0002	0.001119
	ChIP-Seq	201	1252300	14989	13934	0.4954	0.01085	0.00231	0.013232
CGP-DSSPD-NR5-EXE3	STRING	11	1264810	15303	1300	0.5259	0.03819	-0.00105	0.000718
	NonSpecific	16	1264769	15298	1341	0.51717	0.01899	-5e-05	0.001045
	ChIP-Seq	161	1252136	15153	13974	0.49517	0.01097	-0.00055	0.010513
CGP-DSSPD-NR5-EXE4	STRING	22	1264888	15225	1289	0.52538	0.03589	0.00144	0.001443
	NonSpecific	17	1264837	15230	1340	0.51701	0.01748	0.00019	0.001115
	ChIP-Seq	166	1252208	15081	13969	0.49509	0.01107	-0.00015	0.010887
CGP-DSSPD-NR5-EXE5	STRING	20	1264966	15147	1291	0.52553	0.03421	0.00101	0.001319
	NonSpecific	16	1264916	15151	1341	0.51721	0.01649	-1e-05	0.001055
	ChIP-Seq	155	1252277	15012	13980	0.49486	0.01112	-0.00085	0.01022
CGP-DSSPD-NR10-EXE1	STRING	3	1277432	2681	1308	0.52575	0.03303	0.00014	0.001118
	NonSpecific	4	1277387	2680	1353	0.51739	0.01565	0.00061	0.00149
	ChIP-Seq	28	1264538	2751	14107	0.49466	0.01112	-0.00043	0.010076
CGP-DSSPD-NR10-EXE2	STRING	2	1277492	2621	1309	0.52567	0.03199	-0.00037	0.000762
	NonSpecific	3	1277447	2620	1354	0.51725	0.0149	0.00012	0.001144
	ChIP-Seq	36	1264636	2653	14099	0.49492	0.01117	0.00103	0.013388
CGP-DSSPD-NR10-EXE3	STRING	2	1277418	2695	1309	0.52547	0.03078	-0.0004	0.000742
	NonSpecific	2	1277372	2695	1355	0.51663	0.01397	-0.00045	0.000742
	ChIP-Seq	50	1264559	2730	14085	0.49562	0.0113	0.00311	0.017986
CGP-DSSPD-NR10-EXE4	STRING	2	1277447	2666	1309	0.52544	0.03009	-0.00039	0.00075
	NonSpecific	5	1277404	2663	1352	0.51683	0.0136	0.00114	0.001874
	ChIP-Seq	23	1264507	2782	14112	0.49542	0.01128	-0.00127	0.0082
CGP-DSSPD-NR10-EXE5	STRING	0	1277400	2713	1311	0.52497	0	-0.00147	0.0
	NonSpecific	1	1277355	2712	1356	0.51666	0.01315	-0.00098	0.000369
	ChIP-Seq	26	1264554	2735	14109	0.49528	0.01127	-0.00072	0.009417
CGP-KM-BKM-NR10-EXE1	STRING	6	1274735	5378	1305	0.52485	0.02827	0.00019	0.001114
	NonSpecific	6	1274689	5378	1351	0.51608	0.0126	0.00011	0.001114
	ChIP-Seq	87	1257917	9372	14048	0.49481	0.01125	-0.00151	0.009198
CGP-KM-BKM-NR10-EXE2	STRING	1	1278652	1461	1310	0.5247	0.02801	-0.00036	0.000684
	NonSpecific	0	1278605	1462	1357	0.51587	0	-0.0011	0.0
	ChIP-Seq	145	1253165	14124	13990	0.49458	0.01128	-0.00088	0.010162
CGP-KM-BKM-NR10-EXE3	STRING	6	1277687	2426	1305	0.52508	0.0272	0.00197	0.002467
	NonSpecific	4	1277639	2428	1353	0.51628	0.01202	0.00078	0.001645
	ChIP-Seq	30	1258818	8471	14105	0.49276	0.01109	-0.00587	0.003529
CGP-KM-BKM-NR10-EXE4	STRING	3	1278064	2049	1308	0.52529	0.02713	0.00055	0.001462
	NonSpecific	4	1278019	2048	1353	0.51706	0.01211	0.0011	0.001949
	ChIP-Seq	54	1256667	10622	14081	0.49088	0.01093	-0.00524	0.005058
CGP-KM-BKM-NR10-EXE5	STRING	4	1278326	1787	1307	0.52541	0.02691	0.00142	0.002233
	NonSpecific	1	1278277	1790	1356	0.51719	0.01205	-0.00058	0.000558
	ChIP-Seq	151	1255192	12097	13984	0.49193	0.01109	0.00122	0.012329
CGP-KM-DSSPD-NR10-EXE1	STRING	3	1277384	2729	1308	0.52522	0.02633	0.00011	0.001098
	NonSpecific	6	1277341	2726	1351	0.51673	0.01172	0.00162	0.002196
	ChIP-Seq	31	1264373	2916	14104	0.49194	0.0111	-0.00023	0.010519
CGP-KM-DSSPD-NR10-EXE2	STRING	2	1277343	2770	1309	0.52541	0.02593	-0.00044	0.000722
	NonSpecific	1	1277296	2771	1356	0.51626	0.01142	-0.001	0.000361
	ChIP-Seq	28	1264240	3049	14107	0.49191	0.01111	-0.00091	0.0091
CGP-KM-DSSPD-NR10-EXE3	STRING	2	1277334	2779	1309	0.52526	0.02545	-0.00044	0.000719
	NonSpecific	1	1277287	2780	1356	0.51612	0.01122	-0.001	0.00036
	ChIP-Seq	31	1264202	3087	14104	0.49176	0.0111	-0.00052	0.009942
CGP-KM-DSSPD-NR10-EXE4	STRING	4	1277470	2643	1307	0.52548	0.02517	0.00069	0.001511
	NonSpecific	2	1277422	2645	1355	0.51562	0.01096	-0.00042	0.000756
	ChIP-Seq	40	1264404	2885	14095	0.49201	0.01114	0.00121	0.013675
CGP-KM-DSSPD-NR10-EXE5	STRING	4	1277392	2721	1307	0.52577	0.02499	0.00064	0.001468
	NonSpecific	3	1277345	2722	1354	0.51514	0.01073	6e-05	0.001101
	ChIP-Seq	24	1264237	3052	14111	0.49164	0.01111	-0.00152	0.007802

Tabela 49: Tabular results for mHSC-L problem considering the 1000TF configuration without self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
GENIE3	STRING	9	478565	145	145	0.5486	0.14648	0.05814	0.058442
	NonSpecific	7	478237	310	310	0.51763	0.06302	0.02143	0.022082
	ChIP-Seq	50	468554	5130	5130	0.49874	0.01168	-0.00118	0.009653
GRNBOOST2	STRING	7	478563	147	147	0.54848	0.14725	0.04515	0.045455
	NonSpecific	6	478236	311	311	0.51752	0.05812	0.01828	0.018927
	ChIP-Seq	60	468564	5120	5120	0.49918	0.01211	0.00077	0.011583
SINCERITIES	STRING	0	478578	132	154	0.54802	0	-0.0003	0.0
	NonSpecific	0	478265	282	317	0.51716	0	-0.00063	0.0
	ChIP-Seq	24	468868	4816	5156	0.49624	0.01106	-0.00572	0.004633
PPCOR	STRING	0	478556	154	154	0.54658	0	-0.00032	0.0
	NonSpecific	0	478229	318	317	0.516	0	-0.00066	0.0
	ChIP-Seq	51	469189	4495	5129	0.49564	0.01128	0.00038	0.011219
CGP-DSSPD-NR5-EXE1	STRING	1	470285	8425	153	0.54652	0.11146	-0.00152	0.000119
	NonSpecific	7	470128	8419	310	0.51559	0.03139	0.00088	0.000831
	ChIP-Seq	101	465359	8325	5079	0.49606	0.01165	0.00151	0.011987
CGP-DSSPD-NR5-EXE2	STRING	1	470288	8422	153	0.54639	0.10986	-0.00151	0.000119
	NonSpecific	6	470130	8417	311	0.51521	0.02931	0.00026	0.000712
	ChIP-Seq	102	465363	8321	5078	0.49653	0.0119	0.00167	0.01211
CGP-DSSPD-NR5-EXE3	STRING	4	470390	8320	150	0.54625	0.10831	0.00118	0.000481
	NonSpecific	5	470228	8319	312	0.51483	0.02761	-0.00032	0.000601
	ChIP-Seq	106	465466	8218	5074	0.49748	0.01217	0.00247	0.012734
CGP-DSSPD-NR5-EXE4	STRING	4	470221	8489	150	0.54619	0.10757	0.00112	0.000471
	NonSpecific	6	470060	8487	311	0.51453	0.02645	0.00023	0.000706
	ChIP-Seq	112	465303	8381	5068	0.49792	0.01228	0.00308	0.013187
CGP-DSSPD-NR5-EXE5	STRING	3	470187	8523	151	0.54599	0.10541	0.00023	0.000352
	NonSpecific	4	470025	8522	313	0.51407	0.02494	-0.00101	0.000469
	ChIP-Seq	61	465219	8465	5119	0.49585	0.01202	-0.00477	0.007155
CGP-DSSPD-NR10-EXE1	STRING	0	477068	1642	154	0.54593	0	-0.00105	0.0
	NonSpecific	0	476905	1642	317	0.51382	0	-0.00151	0.0
	ChIP-Seq	19	471988	1696	5161	0.49598	0.01207	0.00015	0.011079
CGP-DSSPD-NR10-EXE2	STRING	1	476987	1723	153	0.5458	0.10337	0.00087	0.00058
	NonSpecific	3	476826	1721	314	0.51351	0.02344	0.00252	0.00174
	ChIP-Seq	49	471950	1734	5131	0.49881	0.01251	0.00985	0.027482
CGP-DSSPD-NR10-EXE3	STRING	1	477045	1665	153	0.54574	0.10371	0.00092	0.0006
	NonSpecific	3	476884	1663	314	0.51327	0.02301	0.00262	0.001801
	ChIP-Seq	25	471954	1730	5155	0.49911	0.01254	0.00201	0.014245
CGP-DSSPD-NR10-EXE4	STRING	2	477068	1642	152	0.54561	0.10244	0.00293	0.001217
	NonSpecific	2	476905	1642	315	0.51303	0.02251	0.00127	0.001217
	ChIP-Seq	23	471988	1696	5157	0.49973	0.01263	0.00149	0.01338
CGP-DSSPD-NR10-EXE5	STRING	0	477077	1633	154	0.54554	0	-0.00105	0.0
	NonSpecific	0	476914	1633	317	0.51275	0	-0.00151	0.0
	ChIP-Seq	18	471950	1734	5162	0.49974	0.01262	-0.00032	0.010274
CGP-KM-BKM-NR10-EXE1	STRING	0	477542	1168	154	0.54541	0	-0.00089	0.0
	NonSpecific	0	477379	1168	317	0.51243	0	-0.00127	0.0
	ChIP-Seq	42	468263	5421	5138	0.49819	0.01244	-0.00325	0.007688
CGP-KM-BKM-NR10-EXE2	STRING	0	478180	530	154	0.54535	0	-0.0006	0.0
	NonSpecific	1	478018	529	316	0.51232	0.02121	0.00159	0.001887
	ChIP-Seq	55	465118	8566	5125	0.49645	0.01227	-0.00581	0.00638
CGP-KM-BKM-NR10-EXE3	STRING	0	475914	2796	154	0.54535	0	-0.00137	0.0
	NonSpecific	2	475753	2794	315	0.51225	0.02111	0.00016	0.000715
	ChIP-Seq	35	470812	2872	5145	0.49682	0.01233	0.00092	0.01204
CGP-KM-BKM-NR10-EXE4	STRING	0	478044	666	154	0.54528	0	-0.00067	0.0
	NonSpecific	0	477881	666	317	0.51215	0	-0.00096	0.0
	ChIP-Seq	88	468976	4708	5092	0.49912	0.01257	0.00732	0.018349
CGP-KM-BKM-NR10-EXE5	STRING	0	478204	506	154	0.54528	0	-0.00058	0.0
	NonSpecific	0	478041	506	317	0.51211	0	-0.00084	0.0
	ChIP-Seq	38	468008	5676	5142	0.49752	0.01243	-0.00443	0.00665
CGP-KM-DSSPD-NR10-EXE1	STRING	0	477030	1680	154	0.54522	0	-0.00106	0.0
	NonSpecific	2	476869	1678	315	0.51191	0.0206	0.00122	0.00119
	ChIP-Seq	11	471872	1812	5169	0.49667	0.01234	-0.00286	0.006034
CGP-KM-DSSPD-NR10-EXE2	STRING	1	477075	1635	153	0.54515	0.09833	0.00095	0.000611
	NonSpecific	1	476912	1635	316	0.51159	0.02015	-0.00012	0.000611
	ChIP-Seq	27	471894	1790	5153	0.49756	0.01243	0.00241	0.01486
CGP-KM-DSSPD-NR10-EXE3	STRING	0	477091	1619	154	0.54515	0	-0.00104	0.0
	NonSpecific	0	476928	1619	317	0.51133	0	-0.0015	0.0
	ChIP-Seq	10	471916	1768	5170	0.49653	0.01233	-0.00307	0.005624
CGP-KM-DSSPD-NR10-EXE4	STRING	1	477107	1603	153	0.54509	0.09778	0.00098	0.000623
	NonSpecific	1	476944	1603	316	0.51104	0.01948	-9e-05	0.000623
	ChIP-Seq	30	471936	1748	5150	0.49757	0.01242	0.00357	0.016873
CGP-KM-DSSPD-NR10-EXE5	STRING	3	477077	1633	151	0.54482	0.09569	0.00494	0.001834
	NonSpecific	4	476915	1632	313	0.51232	0.02001	0.00406	0.002445
	ChIP-Seq	34	471853	1831	5146	0.49881	0.01254	0.00448	0.018231

Tabela 50: Tabular results for hESC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	97	1977918	5033	5052	0.50762	0.03152	0.01633	0.018835
	NonSpecific	40	1978945	4558	4557	0.50339	0.00954	0.0064	0.008662
	ChIP-Seq	23	1974021	7029	7027	0.5002	0.00475	-0.00029	0.003247
GENIE3	STRING	51	1977862	5089	5098	0.50996	0.03071	0.00734	0.009905
	NonSpecific	19	1978911	4592	4578	0.5039	0.00735	0.00181	0.004113
	ChIP-Seq	60	1974039	7011	6990	0.50239	0.0065	0.00496	0.008465
GRNBOOST2	STRING	75	1977893	5058	5074	0.51153	0.03068	0.01203	0.014566
	NonSpecific	23	1978924	4579	4574	0.50372	0.0065	0.00269	0.004982
	ChIP-Seq	47	1974045	7005	7003	0.50283	0.00647	0.00313	0.006635
SINCERITIES	STRING	21	1978009	4942	5128	0.51236	0.02607	0.00162	0.004078
	NonSpecific	37	1979093	4410	4560	0.50651	0.00685	0.00592	0.008014
	ChIP-Seq	56	1974268	6782	6994	0.50493	0.00666	0.00459	0.007905
PPCOR	STRING	0	1981554	1397	5149	0.51166	0	-0.00135	0.0
	NonSpecific	0	1982106	1397	4597	0.50608	0	-0.00128	0.0
	ChIP-Seq	0	1979653	1397	7050	0.50453	0	-0.00158	0.0
CGP-DSSPD-NR5-EXE1	STRING	64	1957151	25800	5085	0.51186	0.02102	-0.00026	0.002433
	NonSpecific	69	1957707	25796	4529	0.50625	0.00572	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50486	0.00598	0.00114	0.004067
CGP-DSSPD-NR5-EXE2	STRING	64	1957151	25800	5085	0.51186	0.02102	-0.00026	0.002433
	NonSpecific	69	1957707	25796	4529	0.50625	0.00572	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50486	0.00598	0.00114	0.004067
CGP-DSSPD-NR5-EXE3	STRING	67	1956973	25978	5082	0.51161	0.01929	-4e-05	0.002526
	NonSpecific	62	1957520	25983	4535	0.50584	0.00522	0.00016	0.002337
	ChIP-Seq	77	1955081	25969	6974	0.5048	0.00569	-0.00114	0.002903
CGP-DSSPD-NR5-EXE4	STRING	67	1957031	25920	5082	0.51172	0.01834	-3e-05	0.002528
	NonSpecific	78	1957594	25909	4519	0.50667	0.0052	0.00165	0.002944
	ChIP-Seq	89	1955152	25898	6961	0.50463	0.00546	-0.00023	0.003359
CGP-DSSPD-NR5-EXE5	STRING	52	1956652	26299	5097	0.51123	0.01734	-0.00141	0.001935
	NonSpecific	65	1957217	26286	4532	0.50644	0.00495	0.00037	0.002419
	ChIP-Seq	102	1954801	26249	6948	0.50452	0.00532	0.00063	0.003796
CGP-DSSPD-NR10-EXE1	STRING	64	1957151	25800	5085	0.51123	0.01734	-0.00026	0.002433
	NonSpecific	69	1957707	25796	4529	0.50644	0.00495	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50452	0.00532	0.00114	0.004067
CGP-DSSPD-NR10-EXE2	STRING	64	1957151	25800	5085	0.51123	0.01734	-0.00026	0.002433
	NonSpecific	69	1957707	25796	4529	0.50644	0.00495	0.00085	0.002623
	ChIP-Seq	107	1955292	25758	6944	0.50452	0.00532	0.00114	0.004067
CGP-DSSPD-NR10-EXE3	STRING	67	1956973	25978	5082	0.51123	0.01734	-4e-05	0.002526
	NonSpecific	62	1957520	25983	4535	0.50644	0.00495	0.00016	0.002337
	ChIP-Seq	77	1955081	25969	6974	0.50452	0.00532	-0.00114	0.002903
CGP-DSSPD-NR10-EXE4	STRING	67	1957031	25920	5082	0.51123	0.01734	-3e-05	0.002528
	NonSpecific	78	1957594	25909	4519	0.50644	0.00495	0.00165	0.002944
	ChIP-Seq	89	1955152	25898	6961	0.50452	0.00532	-0.00023	0.003359
CGP-DSSPD-NR10-EXE5	STRING	52	1956652	26299	5097	0.51123	0.01734	-0.00141	0.001935
	NonSpecific	65	1957217	26286	4532	0.50644	0.00495	0.00037	0.002419
	ChIP-Seq	102	1954801	26249	6948	0.50452	0.00532	0.00063	0.003796
CGP-KM-BKM-NR10-EXE1	STRING	134	1953296	29655	5015	0.51234	0.01726	0.00463	0.004424
	NonSpecific	63	1953776	29727	4535	0.50634	0.00477	-0.00051	0.00208
	ChIP-Seq	89	1951350	29700	6961	0.50407	0.00514	-0.00116	0.002938
CGP-KM-BKM-NR10-EXE2	STRING	128	1953596	29355	5021	0.51269	0.01737	0.00423	0.00427
	NonSpecific	59	1954078	29425	4539	0.50634	0.00475	-0.0008	0.001968
	ChIP-Seq	76	1951643	29407	6974	0.50411	0.00515	-0.002	0.002536
CGP-KM-BKM-NR10-EXE3	STRING	111	1954531	28420	5038	0.51325	0.01722	0.00309	0.003832
	NonSpecific	63	1955035	28468	4534	0.50628	0.00465	-0.00026	0.002175
	ChIP-Seq	88	1952607	28443	6962	0.50384	0.00504	-0.00094	0.003038
CGP-KM-BKM-NR10-EXE4	STRING	116	1953782	29169	5033	0.5129	0.01675	0.0033	0.003907
	NonSpecific	53	1954271	29232	4544	0.50638	0.00459	-0.00128	0.001785
	ChIP-Seq	85	1951850	29200	6965	0.50339	0.00494	-0.00132	0.002863
CGP-KM-BKM-NR10-EXE5	STRING	96	1954762	28189	5053	0.51305	0.01652	0.0019	0.003338
	NonSpecific	74	1955292	28211	4523	0.50654	0.00455	0.00076	0.002573
	ChIP-Seq	69	1952834	28216	6981	0.5032	0.00489	-0.00224	0.002399
CGP-KM-DSSPD-NR10-EXE1	STRING	81	1958060	24891	5068	0.51455	0.01663	0.00145	0.003181
	NonSpecific	65	1958594	24909	4534	0.50691	0.00453	0.00068	0.002553
	ChIP-Seq	83	1956161	24889	6967	0.50307	0.00484	-0.00042	0.00326
CGP-KM-DSSPD-NR10-EXE2	STRING	69	1959431	23520	5080	0.51466	0.01665	0.00072	0.002873
	NonSpecific	60	1959974	23529	4537	0.50684	0.00451	0.00053	0.002498
	ChIP-Seq	55	1957516	23534	6995	0.50302	0.00484	-0.00224	0.00229
CGP-KM-DSSPD-NR10-EXE3	STRING	90	1958331	24620	5059	0.51629	0.01685	0.00232	0.003574
	NonSpecific	59	1958852	24651	4538	0.50697	0.00447	0.00018	0.002343
	ChIP-Seq	77	1956417	24633	6973	0.50187	0.00469	-0.00081	0.003057
CGP-KM-DSSPD-NR10-EXE4	STRING	80	1959183	23768	5069	0.51739	0.01677	0.00166	0.003286
	NonSpecific	68	1959723	23780	4529	0.50704	0.00442	0.00124	0.002793
	ChIP-Seq	82	1957284	23766	6968	0.50164	0.00466	-0.0002	0.003369
CGP-KM-DSSPD-NR10-EXE5	STRING	84	1958562	24389	5065	0.51786	0.01654	0.00185	0.003374
	NonSpecific	64	1959094	24409	4533	0.5068	0.00435	0.0007	0.002571
	ChIP-Seq	87	1956663	24387	6964	0.50069	0.00456	2e-05	0.003494

Tabela 51: Tabular results for hHep problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	214	2079032	8672	8786	0.50889	0.0279	0.01975	0.023767
	NonSpecific	50	2086137	5232	5285	0.50337	0.00811	0.0069	0.009342
	ChIP-Seq	184	2066094	15200	15226	0.5025	0.01184	0.00464	0.011827
GENIE3	STRING	115	2078825	8879	8885	0.50935	0.02291	0.00853	0.012774
	NonSpecific	28	2086045	5324	5307	0.50366	0.00648	0.0027	0.005231
	ChIP-Seq	79	2065848	15446	15331	0.50086	0.0094	-0.00229	0.005077
GRNBOOST2	STRING	116	2078877	8827	8884	0.51008	0.02194	0.00869	0.012885
	NonSpecific	28	2086064	5305	5307	0.50358	0.00594	0.00271	0.005233
	ChIP-Seq	98	2065973	15321	15312	0.50076	0.00917	-0.001	0.006299
SINCERITIES	STRING	33	2078833	8871	8967	0.50967	0.01873	-0.00059	0.003665
	NonSpecific	10	2086084	5285	5325	0.50331	0.00511	-0.00065	0.001869
	ChIP-Seq	171	2066106	15188	15241	0.50273	0.00984	0.0038	0.01099
PPCOR	STRING	0	2086271	1433	9000	0.50912	0	-0.00172	0.0
	NonSpecific	0	2089936	1433	5335	0.50291	0	-0.00132	0.0
	ChIP-Seq	0	2079861	1433	15410	0.50236	0	-0.00225	0.0
CGP-DSSPD-NR5-EXE1	STRING	127	2060989	26715	8873	0.50938	0.01688	0.00076	0.004639
	NonSpecific	69	2064596	26773	5266	0.50372	0.00482	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.5026	0.00949	0.00113	0.008036
CGP-DSSPD-NR5-EXE2	STRING	127	2060989	26715	8873	0.50938	0.01688	0.00076	0.004639
	NonSpecific	69	2064596	26773	5266	0.50372	0.00482	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.5026	0.00949	0.00113	0.008036
CGP-DSSPD-NR5-EXE3	STRING	117	2060824	26880	8883	0.50908	0.01597	7e-05	0.004256
	NonSpecific	58	2064430	26939	5277	0.50347	0.00456	-0.0009	0.00211
	ChIP-Seq	190	2054484	26810	15223	0.50223	0.00924	-0.00042	0.006912
CGP-DSSPD-NR5-EXE4	STRING	97	2061725	25979	8903	0.50851	0.01522	-0.00098	0.003646
	NonSpecific	75	2065368	26001	5260	0.50398	0.00455	0.00074	0.002819
	ChIP-Seq	226	2055443	25851	15185	0.50283	0.00929	0.00173	0.008496
CGP-DSSPD-NR5-EXE5	STRING	126	2060988	26716	8874	0.50868	0.01491	0.0007	0.004601
	NonSpecific	77	2064604	26765	5258	0.50416	0.00448	0.00073	0.002812
	ChIP-Seq	192	2054642	26652	15220	0.50298	0.00924	-0.00026	0.007011
CGP-DSSPD-NR10-EXE1	STRING	127	2060989	26715	8873	0.50868	0.01491	0.00076	0.004639
	NonSpecific	69	2064596	26773	5266	0.50416	0.00448	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.50298	0.00924	0.00113	0.008036
CGP-DSSPD-NR10-EXE2	STRING	127	2060989	26715	8873	0.50868	0.01491	0.00076	0.004639
	NonSpecific	69	2064596	26773	5266	0.50416	0.00448	6e-05	0.00252
	ChIP-Seq	220	2054671	26623	15191	0.50298	0.00924	0.00113	0.008036
CGP-DSSPD-NR10-EXE3	STRING	117	2060824	26880	8883	0.50868	0.01491	7e-05	0.004256
	NonSpecific	58	2064430	26939	5277	0.50416	0.00448	-0.0009	0.00211
	ChIP-Seq	190	2054484	26810	15223	0.50298	0.00924	-0.00042	0.006912
CGP-DSSPD-NR10-EXE4	STRING	97	2061725	25979	8903	0.50868	0.01491	-0.00098	0.003646
	NonSpecific	75	2065368	26001	5260	0.50416	0.00448	0.00074	0.002819
	ChIP-Seq	226	2055443	25851	15185	0.50298	0.00924	0.00173	0.008496
CGP-DSSPD-NR10-EXE5	STRING	126	2060988	26716	8874	0.50868	0.01491	0.0007	0.004601
	NonSpecific	77	2064604	26765	5258	0.50416	0.00448	0.00073	0.002812
	ChIP-Seq	192	2054642	26652	15220	0.50298	0.00924	-0.00026	0.007011
CGP-KM-BKM-NR10-EXE1	STRING	286	2057114	30590	8714	0.5136	0.01605	0.00929	0.009062
	NonSpecific	217	2060710	30659	5118	0.50775	0.00506	0.01088	0.006876
	ChIP-Seq	277	2050694	30600	15134	0.50625	0.00969	0.00232	0.008777
CGP-KM-BKM-NR10-EXE2	STRING	269	2057944	29760	8731	0.51437	0.016	0.0086	0.008757
	NonSpecific	199	2061539	29830	5136	0.51005	0.00543	0.00977	0.006478
	ChIP-Seq	283	2051547	29747	15128	0.50902	0.01006	0.00293	0.009213
CGP-KM-BKM-NR10-EXE3	STRING	299	2058099	29605	8701	0.51775	0.01656	0.0105	0.0098
	NonSpecific	238	2061703	29666	5097	0.51142	0.00555	0.01293	0.007801
	ChIP-Seq	358	2051747	29547	15053	0.51146	0.01031	0.00651	0.011734
CGP-KM-BKM-NR10-EXE4	STRING	270	2058520	29184	8730	0.52031	0.0169	0.0089	0.008993
	NonSpecific	201	2062116	29253	5134	0.51251	0.00562	0.01014	0.006695
	ChIP-Seq	270	2052110	29184	15140	0.51255	0.01033	0.00254	0.008993
CGP-KM-BKM-NR10-EXE5	STRING	276	2058106	29598	8724	0.52204	0.01701	0.0091	0.009067
	NonSpecific	192	2061687	29682	5143	0.51281	0.00557	0.00927	0.006307
	ChIP-Seq	301	2051718	29576	15112	0.51391	0.01039	0.00383	0.009888
CGP-KM-DSSPD-NR10-EXE1	STRING	177	2061536	26168	8823	0.52174	0.01664	0.00419	0.006601
	NonSpecific	109	2065133	26236	5226	0.51224	0.00536	0.00357	0.004065
	ChIP-Seq	204	2055152	26142	15207	0.51284	0.01014	0.00052	0.007607
CGP-KM-DSSPD-NR10-EXE2	STRING	189	2062278	25426	8811	0.52182	0.01665	0.00525	0.007242
	NonSpecific	101	2065855	25514	5234	0.51252	0.00539	0.00309	0.00387
	ChIP-Seq	203	2055881	25413	15208	0.51296	0.01016	0.00075	0.007778
CGP-KM-DSSPD-NR10-EXE3	STRING	184	2061652	26052	8816	0.52144	0.01635	0.00468	0.006893
	NonSpecific	97	2065230	26139	5238	0.51173	0.00518	0.00258	0.003634
	ChIP-Seq	153	2055210	26084	15258	0.51176	0.00993	-0.002	0.005732
CGP-KM-DSSPD-NR10-EXE4	STRING	153	2062116	25588	8847	0.52096	0.01605	0.00282	0.005839
	NonSpecific	79	2065707	25662	5256	0.51122	0.00504	0.00116	0.003015
	ChIP-Seq	126	2055679	25615	15284	0.50971	0.00965	-0.0032	0.004809
CGP-KM-DSSPD-NR10-EXE5	STRING	186	2061922	25782	8814	0.52071	0.01582	0.00492	0.007019
	NonSpecific	98	2065499	25870	5237	0.51092	0.00494	0.00273	0.003698
	ChIP-Seq	134	2055460	25834	15276	0.50806	0.00945	-0.00287	0.005056

Tabela 52: Tabular results for mDC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	130	1733375	5768	5768	0.5085	0.03675	0.01872	0.022041
	NonSpecific	71	1737274	3849	3847	0.50803	0.0208	0.01591	0.018112
	ChIP-Seq	2	1742656	1192	1191	0.5004	0.00363	0.00099	0.001675
GENIE3	STRING	58	1733303	5840	5840	0.508	0.02707	0.00648	0.009834
	NonSpecific	29	1737234	3889	3889	0.50817	0.01409	0.00517	0.007402
	ChIP-Seq	1	1742656	1192	1192	0.50005	0.00259	0.00015	0.000838
GRNBOOST2	STRING	61	1733306	5837	5837	0.5079	0.02392	0.00699	0.010342
	NonSpecific	25	1737230	3893	3893	0.5083	0.01187	0.00415	0.006381
	ChIP-Seq	0	1742655	1193	1193	0.49988	0	-0.00068	0.0
SINCERITIES	STRING	16	1733619	5524	5882	0.50754	0.0207	-0.00048	0.002712
	NonSpecific	5	1737422	3701	3913	0.5078	0.00897	-0.00087	0.001276
	ChIP-Seq	0	1742711	1137	1193	0.49951	0	-0.00067	0.0
PPCOR	STRING	0	1737822	1321	5898	0.50681	0	-0.0016	0.0
	NonSpecific	0	1739802	1321	3918	0.50729	0	-0.00131	0.0
	ChIP-Seq	0	1742527	1321	1193	0.49885	0	-0.00072	0.0
CGP-DSSPD-NR5-EXE1	STRING	97	1712155	26988	5801	0.50657	0.01794	0.00044	0.003581
	NonSpecific	52	1714090	27033	3866	0.507	0.00708	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.4989	0.00192	0.00044	0.000775
CGP-DSSPD-NR5-EXE2	STRING	97	1712155	26988	5801	0.50657	0.01794	0.00044	0.003581
	NonSpecific	52	1714090	27033	3866	0.507	0.00708	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.4989	0.00192	0.00044	0.000775
CGP-DSSPD-NR5-EXE3	STRING	87	1712271	26872	5811	0.50681	0.01736	-0.00033	0.003227
	NonSpecific	56	1714220	26903	3862	0.50697	0.00655	-0.00044	0.002077
	ChIP-Seq	23	1716912	26936	1170	0.49897	0.00203	0.00081	0.000853
CGP-DSSPD-NR5-EXE4	STRING	120	1712229	26914	5778	0.50717	0.01703	0.00229	0.004439
	NonSpecific	67	1714156	26967	3851	0.50724	0.0063	0.00062	0.002478
	ChIP-Seq	20	1716834	27014	1173	0.49903	0.00211	0.00027	0.00074
CGP-DSSPD-NR5-EXE5	STRING	77	1712297	26846	5821	0.50657	0.01637	-0.00112	0.00286
	NonSpecific	59	1714259	26864	3859	0.5069	0.00597	-0.00014	0.002191
	ChIP-Seq	23	1716948	26900	1170	0.49994	0.00248	0.00082	0.000854
CGP-DSSPD-NR10-EXE1	STRING	97	1712155	26988	5801	0.50657	0.01637	0.00044	0.003581
	NonSpecific	52	1714090	27033	3866	0.5069	0.00597	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.49994	0.00248	0.00044	0.000775
CGP-DSSPD-NR10-EXE2	STRING	97	1712155	26988	5801	0.50657	0.01637	0.00044	0.003581
	NonSpecific	52	1714090	27033	3866	0.5069	0.00597	-0.00086	0.00192
	ChIP-Seq	21	1716784	27064	1172	0.49994	0.00248	0.00044	0.000775
CGP-DSSPD-NR10-EXE3	STRING	87	1712271	26872	5811	0.50657	0.01637	-0.00033	0.003227
	NonSpecific	56	1714220	26903	3862	0.5069	0.00597	-0.00044	0.002077
	ChIP-Seq	23	1716912	26936	1170	0.49994	0.00248	0.00081	0.000853
CGP-DSSPD-NR10-EXE4	STRING	120	1712229	26914	5778	0.50657	0.01637	0.00229	0.004439
	NonSpecific	67	1714156	26967	3851	0.5069	0.00597	0.00062	0.002478
	ChIP-Seq	20	1716834	27014	1173	0.49994	0.00248	0.00027	0.00074
CGP-DSSPD-NR10-EXE5	STRING	77	1712297	26846	5821	0.50657	0.01637	-0.00112	0.00286
	NonSpecific	59	1714259	26864	3859	0.5069	0.00597	-0.00014	0.002191
	ChIP-Seq	23	1716948	26900	1170	0.49994	0.00248	0.00082	0.000854
CGP-KM-BKM-NR10-EXE1	STRING	138	1707284	31859	5760	0.50642	0.01604	0.0022	0.004313
	NonSpecific	82	1709208	31915	3836	0.50696	0.0058	0.00092	0.002563
	ChIP-Seq	0	1742423	1425	1193	0.49958	0	-0.00075	0.0
CGP-KM-BKM-NR10-EXE2	STRING	134	1707506	31637	5764	0.50639	0.01602	0.00197	0.004218
	NonSpecific	80	1709432	31691	3838	0.50694	0.00579	0.00078	0.002518
	ChIP-Seq	0	1742458	1390	1193	0.49958	0	-0.00074	0.0
CGP-KM-BKM-NR10-EXE3	STRING	151	1704893	34250	5747	0.50793	0.01643	0.00247	0.004389
	NonSpecific	100	1706822	34301	3818	0.50665	0.00561	0.00198	0.002907
	ChIP-Seq	0	1742290	1558	1193	0.49932	0	-0.00078	0.0
CGP-KM-BKM-NR10-EXE4	STRING	130	1706274	32869	5768	0.50853	0.01645	0.00134	0.00394
	NonSpecific	79	1708203	32920	3839	0.5072	0.00562	0.00044	0.002394
	ChIP-Seq	0	1742286	1562	1193	0.49915	0	-0.00078	0.0
CGP-KM-BKM-NR10-EXE5	STRING	131	1705141	34002	5767	0.50966	0.01668	0.00112	0.003838
	NonSpecific	79	1707069	34054	3839	0.50721	0.00554	0.00021	0.002314
	ChIP-Seq	0	1742256	1592	1193	0.49897	0	-0.00079	0.0
CGP-KM-DSSPD-NR10-EXE1	STRING	110	1714252	24891	5788	0.51089	0.01688	0.00212	0.0044
	NonSpecific	83	1716205	24918	3835	0.50817	0.00561	0.00274	0.00332
	ChIP-Seq	16	1718863	24985	1177	0.4986	0.00213	-0.0002	0.00064
CGP-KM-DSSPD-NR10-EXE2	STRING	113	1714217	24926	5785	0.51087	0.01687	0.00236	0.004513
	NonSpecific	83	1716167	24956	3835	0.50816	0.00561	0.00273	0.003315
	ChIP-Seq	16	1718825	25023	1177	0.49858	0.00213	-0.00021	0.000639
CGP-KM-DSSPD-NR10-EXE3	STRING	93	1713838	25305	5805	0.51186	0.01696	0.00059	0.003662
	NonSpecific	69	1715794	25329	3849	0.5085	0.00557	0.00121	0.002717
	ChIP-Seq	18	1718468	25380	1175	0.49821	0.00207	0.00012	0.000709
CGP-KM-DSSPD-NR10-EXE4	STRING	95	1713492	25651	5803	0.51197	0.01682	0.00065	0.00369
	NonSpecific	68	1715445	25678	3850	0.50904	0.00557	0.00102	0.002641
	ChIP-Seq	10	1718112	25736	1183	0.49787	0.00201	-0.00138	0.000388
CGP-KM-DSSPD-NR10-EXE5	STRING	93	1713633	25510	5805	0.51242	0.01677	0.00053	0.003632
	NonSpecific	60	1715580	25543	3858	0.50909	0.00551	0.00025	0.002343
	ChIP-Seq	28	1718273	25575	1165	0.49751	0.00197	0.00191	0.001094

Tabela 53: Tabular results for mESC problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	251	2607692	8229	8228	0.51305	0.05944	0.02645	0.029599
	NonSpecific	127	2608467	7903	7903	0.50671	0.02026	0.0128	0.015816
	ChIP-Seq	958	2539767	41838	41837	0.50297	0.02627	0.00618	0.022385
GENIE3	STRING	148	2607588	8333	8331	0.51542	0.04868	0.01427	0.017451
	NonSpecific	81	2608421	7949	7949	0.5075	0.01354	0.00705	0.010087
	ChIP-Seq	1158	2539968	41637	41637	0.50528	0.02613	0.01093	0.027059
GRNBOOST2	STRING	145	2607587	8334	8334	0.51608	0.04401	0.01392	0.017101
	NonSpecific	92	2608432	7938	7938	0.50792	0.01224	0.00842	0.011457
	ChIP-Seq	1202	2540012	41593	41593	0.50648	0.02647	0.01198	0.028087
SINCERITIES	STRING	52	2607633	8288	8427	0.51701	0.0349	0.00299	0.006131
	NonSpecific	36	2608508	7862	7994	0.50832	0.01024	0.00149	0.004483
	ChIP-Seq	751	2540494	41111	42044	0.50712	0.02566	0.00164	0.017549
PPCOR	STRING	0	2614301	1620	8479	0.51639	0	-0.00142	0.0
	NonSpecific	0	2614750	1620	8030	0.50791	0	-0.00138	0.0
	ChIP-Seq	0	2579985	1620	42795	0.50676	0	-0.0032	0.0
CGP-DSSPD-NR5-EXE1	STRING	91	2586680	29241	8388	0.5163	0.02943	-0.00024	0.003102
	NonSpecific	93	2587131	29239	7937	0.50733	0.0086	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50577	0.02469	-0.00258	0.013228
CGP-DSSPD-NR5-EXE2	STRING	91	2586680	29241	8388	0.5163	0.02943	-0.00024	0.003102
	NonSpecific	93	2587131	29239	7937	0.50733	0.0086	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50577	0.02469	-0.00258	0.013228
CGP-DSSPD-NR5-EXE3	STRING	91	2586307	29614	8388	0.51621	0.02739	-0.00032	0.003063
	NonSpecific	83	2586748	29622	7947	0.50758	0.0082	-0.00052	0.002794
	ChIP-Seq	429	2552329	29276	42366	0.50524	0.02429	-0.00158	0.014442
CGP-DSSPD-NR5-EXE4	STRING	104	2586529	29392	8375	0.51615	0.02594	0.00055	0.003526
	NonSpecific	94	2586968	29402	7936	0.508	0.00797	0.00024	0.003187
	ChIP-Seq	468	2552577	29028	42327	0.50499	0.02407	-0.00037	0.015867
CGP-DSSPD-NR5-EXE5	STRING	99	2586439	29482	8380	0.51636	0.02498	0.00022	0.003347
	NonSpecific	84	2586873	29497	7946	0.50796	0.0077	-0.00042	0.00284
	ChIP-Seq	462	2552486	29119	42333	0.50477	0.02391	-0.00058	0.015618
CGP-DSSPD-NR10-EXE1	STRING	91	2586680	29241	8388	0.51636	0.02498	-0.00024	0.003102
	NonSpecific	93	2587131	29239	7937	0.50796	0.0077	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50477	0.02391	-0.00258	0.013228
CGP-DSSPD-NR10-EXE2	STRING	91	2586680	29241	8388	0.51636	0.02498	-0.00024	0.003102
	NonSpecific	93	2587131	29239	7937	0.50796	0.0077	0.00021	0.003171
	ChIP-Seq	388	2552661	28944	42407	0.50477	0.02391	-0.00258	0.013228
CGP-DSSPD-NR10-EXE3	STRING	91	2586307	29614	8388	0.51636	0.02498	-0.00032	0.003063
	NonSpecific	83	2586748	29622	7947	0.50796	0.0077	-0.00052	0.002794
	ChIP-Seq	429	2552329	29276	42366	0.50477	0.02391	-0.00158	0.014442
CGP-DSSPD-NR10-EXE4	STRING	104	2586529	29392	8375	0.51636	0.02498	0.00055	0.003526
	NonSpecific	94	2586968	29402	7936	0.50796	0.0077	0.00024	0.003187
	ChIP-Seq	468	2552577	29028	42327	0.50477	0.02391	-0.00037	0.015867
CGP-DSSPD-NR10-EXE5	STRING	99	2586439	29482	8380	0.51636	0.02498	0.00022	0.003347
	NonSpecific	84	2586873	29497	7946	0.50796	0.0077	-0.00042	0.00284
	ChIP-Seq	462	2552486	29119	42333	0.50477	0.02391	-0.00058	0.015618
CGP-KM-BKM-NR10-EXE1	STRING	174	2575907	40014	8305	0.51756	0.02467	0.00242	0.00433
	NonSpecific	139	2576321	40049	7891	0.50895	0.0077	0.0009	0.003459
	ChIP-Seq	564	2541981	39624	42231	0.50389	0.02363	-0.00224	0.014034
CGP-KM-BKM-NR10-EXE2	STRING	194	2575772	40149	8285	0.51787	0.02477	0.00347	0.004809
	NonSpecific	168	2576195	40175	7862	0.50912	0.00772	0.0025	0.004164
	ChIP-Seq	696	2541958	39647	42099	0.5058	0.024	0.00093	0.017252
CGP-KM-BKM-NR10-EXE3	STRING	120	2577032	38889	8359	0.51755	0.02399	-0.00034	0.003076
	NonSpecific	115	2577476	38894	7915	0.50912	0.00756	-0.00025	0.002948
	ChIP-Seq	462	2543058	38547	42333	0.50434	0.02367	-0.00433	0.011843
CGP-KM-BKM-NR10-EXE4	STRING	177	2575605	40316	8302	0.51735	0.02338	0.00251	0.004371
	NonSpecific	148	2576025	40345	7882	0.50916	0.00744	0.00135	0.003655
	ChIP-Seq	709	2541821	39784	42086	0.50518	0.02379	0.00119	0.017509
CGP-KM-BKM-NR10-EXE5	STRING	216	2576601	39320	8263	0.51743	0.02301	0.00487	0.005463
	NonSpecific	174	2577008	39362	7856	0.50983	0.00745	0.003	0.004401
	ChIP-Seq	541	2542610	38995	42254	0.50451	0.02368	-0.00256	0.013684
CGP-KM-DSSPD-NR10-EXE1	STRING	83	2588501	27420	8396	0.51822	0.02277	-0.00039	0.003018
	NonSpecific	75	2588942	27428	7955	0.50948	0.00727	-0.00062	0.002727
	ChIP-Seq	477	2554579	27026	42318	0.50482	0.02372	0.00084	0.017344
CGP-KM-DSSPD-NR10-EXE2	STRING	94	2588590	27331	8385	0.51801	0.02252	0.00036	0.003428
	NonSpecific	88	2589033	27337	7942	0.50944	0.00722	0.00028	0.003209
	ChIP-Seq	435	2554615	26990	42360	0.50432	0.02363	-0.00036	0.015861
CGP-KM-DSSPD-NR10-EXE3	STRING	84	2589016	26905	8395	0.51828	0.02221	-0.00021	0.003112
	NonSpecific	85	2589466	26904	7945	0.50934	0.00712	0.00017	0.003149
	ChIP-Seq	405	2555021	26584	42390	0.50391	0.02357	-0.00105	0.015006
CGP-KM-DSSPD-NR10-EXE4	STRING	83	2588936	26985	8396	0.51837	0.02191	-0.0003	0.003066
	NonSpecific	83	2589385	26985	7947	0.50962	0.00708	1e-05	0.003066
	ChIP-Seq	346	2554883	26722	42449	0.50304	0.02347	-0.00284	0.012783
CGP-KM-DSSPD-NR10-EXE5	STRING	95	2589365	26556	8384	0.51878	0.02174	0.0006	0.003565
	NonSpecific	77	2589796	26574	7953	0.50929	0.00698	-0.00031	0.002889
	ChIP-Seq	370	2555324	26281	42425	0.50271	0.02345	-0.00194	0.013883

Tabela 54: Tabular results for mHSC-E problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	71	1446035	1755	1755	0.51745	0.05694	0.03767	0.038883
	NonSpecific	36	1445732	1924	1924	0.50819	0.02343	0.01704	0.018367
	ChIP-Seq	276	1405941	21700	21699	0.4988	0.01485	-0.00264	0.012559
GENIE3	STRING	51	1446014	1776	1775	0.52204	0.04801	0.0267	0.027915
	NonSpecific	46	1445741	1915	1914	0.51387	0.02133	0.02214	0.023457
	ChIP-Seq	51	1405716	21925	21924	0.49448	0.01238	-0.01304	0.002321
GRNBOOST2	STRING	58	1446022	1768	1768	0.52393	0.04918	0.03054	0.031763
	NonSpecific	44	1445740	1916	1916	0.51412	0.0223	0.02113	0.022449
	ChIP-Seq	113	1405779	21862	21862	0.49327	0.01234	-0.01017	0.005142
SINCERITIES	STRING	0	0	0	0	0	0	0	0
	NonSpecific	0	0	0	0	0	0	0	0
	ChIP-Seq	0	0	0	0	0	0	0	0
PPCOR	STRING	0	1446586	1204	1826	0.5228	0	-0.00102	0.0
	NonSpecific	0	1446452	1204	1960	0.5134	0	-0.00106	0.0
	ChIP-Seq	0	1426437	1204	21975	0.49284	0	-0.00358	0.0
CGP-DSSPD-NR5-EXE1	STRING	22	1425215	22575	1804	0.5234	0.03798	-0.00102	0.000974
	NonSpecific	31	1425090	22566	1929	0.51455	0.01682	7e-05	0.001372
	ChIP-Seq	327	1405371	22270	21648	0.49261	0.01331	-0.00071	0.014471
CGP-DSSPD-NR5-EXE2	STRING	25	1425253	22537	1801	0.5232	0.03591	-0.00054	0.001108
	NonSpecific	23	1425117	22539	1937	0.51472	0.01558	-0.00114	0.001019
	ChIP-Seq	336	1405415	22226	21639	0.49241	0.01385	-0.00028	0.014892
CGP-DSSPD-NR5-EXE3	STRING	20	1425936	21854	1806	0.52273	0.03401	-0.0012	0.000914
	NonSpecific	24	1425806	21850	1936	0.51433	0.01437	-0.00086	0.001097
	ChIP-Seq	359	1406126	21515	21616	0.49309	0.01434	0.00127	0.016412
CGP-DSSPD-NR5-EXE4	STRING	28	1425348	22442	1798	0.52281	0.03281	-5e-05	0.001246
	NonSpecific	44	1425230	22426	1916	0.514	0.01353	0.00207	0.001958
	ChIP-Seq	360	1405531	22110	21615	0.49363	0.01463	0.00089	0.016021
CGP-DSSPD-NR5-EXE5	STRING	28	1426006	21784	1798	0.52233	0.03136	8e-05	0.001284
	NonSpecific	24	1425868	21788	1936	0.51366	0.01286	-0.00085	0.0011
	ChIP-Seq	331	1406160	21481	21644	0.49363	0.01475	2e-05	0.015175
CGP-DSSPD-NR10-EXE1	STRING	28	1424716	23074	1798	0.52211	0.03022	-0.00017	0.001212
	NonSpecific	36	1424590	23066	1924	0.51329	0.01228	0.00071	0.001558
	ChIP-Seq	324	1404863	22778	21651	0.49326	0.01478	-0.00118	0.014025
CGP-DSSPD-NR10-EXE2	STRING	28	1424716	23074	1798	0.52211	0.03022	-0.00017	0.001212
	NonSpecific	36	1424590	23066	1924	0.51329	0.01228	0.00071	0.001558
	ChIP-Seq	324	1404863	22778	21651	0.49326	0.01478	-0.00118	0.014025
CGP-DSSPD-NR10-EXE3	STRING	20	1424505	23285	1806	0.52276	0.02988	-0.00145	0.000858
	NonSpecific	27	1424378	23278	1933	0.51324	0.01193	-0.00067	0.001159
	ChIP-Seq	342	1404678	22963	21633	0.49313	0.01483	-0.00051	0.014675
CGP-DSSPD-NR10-EXE4	STRING	28	1424816	22974	1798	0.52231	0.0289	-0.00015	0.001217
	NonSpecific	31	1424685	22971	1929	0.51269	0.01151	-2e-05	0.001348
	ChIP-Seq	364	1405003	22638	21611	0.49344	0.01491	0.00069	0.015825
CGP-DSSPD-NR10-EXE5	STRING	25	1424885	22905	1801	0.52268	0.02849	-0.0006	0.00109
	NonSpecific	34	1424760	22896	1926	0.5126	0.01124	0.00045	0.001483
	ChIP-Seq	386	1405097	22544	21589	0.49442	0.01503	0.00174	0.016834
CGP-KM-BKM-NR10-EXE1	STRING	39	1425404	22386	1787	0.52256	0.0279	0.00169	0.001739
	NonSpecific	36	1425267	22389	1924	0.51253	0.01101	0.00086	0.001605
	ChIP-Seq	333	1405549	22092	21642	0.49462	0.01505	-0.00032	0.014849
CGP-KM-BKM-NR10-EXE2	STRING	32	1426045	21745	1794	0.52243	0.02767	0.00073	0.001469
	NonSpecific	38	1425917	21739	1922	0.51235	0.01091	0.00132	0.001745
	ChIP-Seq	315	1406179	21462	21660	0.49254	0.01488	-0.0007	0.014465
CGP-KM-BKM-NR10-EXE3	STRING	30	1426121	21669	1796	0.5225	0.02745	0.00043	0.001383
	NonSpecific	52	1426009	21647	1908	0.51232	0.01082	0.0035	0.002396
	ChIP-Seq	289	1406231	21410	21686	0.49215	0.01485	-0.00186	0.013319
CGP-KM-BKM-NR10-EXE4	STRING	34	1425986	21804	1792	0.52234	0.02722	0.00104	0.001557
	NonSpecific	37	1425855	21801	1923	0.51236	0.01077	0.00115	0.001694
	ChIP-Seq	246	1406049	21592	21729	0.49058	0.01474	-0.00394	0.011265
CGP-KM-BKM-NR10-EXE5	STRING	2	1445965	1825	1824	0.52223	0.02702	-0.00016	0.001095
	NonSpecific	33	1425668	21988	1927	0.51216	0.01066	0.00049	0.001499
	ChIP-Seq	288	1405908	21733	21687	0.49008	0.0147	-0.00212	0.013078
CGP-KM-DSSPD-NR10-EXE1	STRING	49	1425806	21984	1777	0.52229	0.02657	0.00338	0.002224
	NonSpecific	47	1425670	21986	1913	0.5116	0.01034	0.00264	0.002133
	ChIP-Seq	314	1405922	21719	21661	0.48974	0.01468	-0.00092	0.014251
CGP-KM-DSSPD-NR10-EXE2	STRING	48	1425938	21852	1778	0.52227	0.02654	0.00326	0.002192
	NonSpecific	27	1425783	21873	1933	0.51157	0.01033	-0.0004	0.001233
	ChIP-Seq	324	1406065	21576	21651	0.49146	0.0148	-0.00037	0.014795
CGP-KM-DSSPD-NR10-EXE3	STRING	43	1425989	21801	1783	0.52233	0.02613	0.00247	0.001969
	NonSpecific	48	1425860	21796	1912	0.51203	0.0103	0.00284	0.002197
	ChIP-Seq	280	1406077	21564	21695	0.49029	0.01473	-0.00237	0.012818
CGP-KM-DSSPD-NR10-EXE4	STRING	46	1427195	20595	1780	0.52234	0.02573	0.00328	0.002229
	NonSpecific	35	1427050	20606	1925	0.51151	0.0101	0.00112	0.001696
	ChIP-Seq	285	1407285	20356	21690	0.48958	0.0147	-0.00133	0.013807
CGP-KM-DSSPD-NR10-EXE5	STRING	33	1425879	21911	1793	0.52264	0.0258	0.00085	0.001504
	NonSpecific	39	1425751	21905	1921	0.51122	0.00927	0.00143	0.001777
	ChIP-Seq	264	1405961	21680	21711	0.48847	0.01467	-0.00317	0.012031



Tabela 55: Tabular results for mHSC-GM problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	35	1278836	1277	1276	0.5114	0.04191	0.02569	0.026677
	NonSpecific	28	1278737	1330	1329	0.50949	0.03316	0.01959	0.020619
	ChIP-Seq	117	1253270	14019	14018	0.49848	0.01049	-0.00279	0.008277
GENIE3	STRING	55	1278857	1256	1256	0.52309	0.04703	0.04097	0.041953
	NonSpecific	33	1278742	1325	1324	0.51529	0.03318	0.02328	0.0243
	ChIP-Seq	85	1253237	14052	14050	0.49728	0.00997	-0.00507	0.006013
GRNBOOST2	STRING	53	1278855	1258	1258	0.52696	0.05021	0.03944	0.040427
	NonSpecific	35	1278745	1322	1322	0.51732	0.03352	0.02476	0.025792
	ChIP-Seq	116	1253270	14019	14019	0.49701	0.01015	-0.00286	0.008207
SINCERITIES	STRING	0	1278806	1307	1311	0.5267	0	-0.00102	0.0
	NonSpecific	0	1278714	1353	1357	0.51701	0	-0.00106	0.0
	ChIP-Seq	113	1253398	13891	14022	0.49545	0.01018	-0.00298	0.007994
PPCOR	STRING	0	1278981	1132	1311	0.52534	0	-0.00095	0.0
	NonSpecific	0	1278935	1132	1357	0.51609	0	-0.00097	0.0
	ChIP-Seq	0	1266157	1132	14135	0.49498	0	-0.00314	0.0
CGP-DSSPD-NR5-EXE1	STRING	14	1263290	16823	1297	0.52481	0.03603	-0.00069	0.000832
	NonSpecific	13	1263243	16824	1344	0.5155	0.01836	-0.00102	0.000772
	ChIP-Seq	153	1250605	16684	13982	0.49406	0.01026	-0.00215	0.009087
CGP-DSSPD-NR5-EXE2	STRING	19	1264924	15189	1292	0.52459	0.03401	0.00078	0.001249
	NonSpecific	17	1264876	15191	1340	0.51568	0.01697	0.0002	0.001118
	ChIP-Seq	201	1252282	15007	13934	0.49493	0.01076	0.00229	0.013217
CGP-DSSPD-NR5-EXE3	STRING	11	1264797	15316	1300	0.52454	0.03287	-0.00105	0.000718
	NonSpecific	16	1264756	15311	1341	0.51625	0.01619	-5e-05	0.001044
	ChIP-Seq	161	1252123	15166	13974	0.49471	0.01089	-0.00055	0.010504
CGP-DSSPD-NR5-EXE4	STRING	22	1264867	15246	1289	0.52402	0.03136	0.00144	0.001441
	NonSpecific	17	1264816	15251	1340	0.51609	0.01524	0.00018	0.001113
	ChIP-Seq	166	1252187	15102	13969	0.49463	0.011	-0.00017	0.010872
CGP-DSSPD-NR5-EXE5	STRING	20	1264955	15158	1291	0.52417	0.03031	0.00101	0.001318
	NonSpecific	16	1264905	15162	1341	0.51629	0.01463	-2e-05	0.001054
	ChIP-Seq	155	1252266	15023	13980	0.4944	0.01106	-0.00086	0.010212
CGP-DSSPD-NR10-EXE1	STRING	3	1277428	2685	1308	0.52439	0.02958	0.00013	0.001116
	NonSpecific	4	1277383	2684	1353	0.51647	0.0141	0.0006	0.001488
	ChIP-Seq	28	1264534	2755	14107	0.4942	0.01105	-0.00043	0.010061
CGP-DSSPD-NR10-EXE2	STRING	2	1277489	2624	1309	0.52431	0.02887	-0.00037	0.000762
	NonSpecific	3	1277444	2623	1354	0.51633	0.01358	0.00012	0.001142
	ChIP-Seq	36	1264633	2656	14099	0.49446	0.01111	0.00103	0.013373
CGP-DSSPD-NR10-EXE3	STRING	2	1277414	2699	1309	0.52411	0.02804	-0.00041	0.00074
	NonSpecific	2	1277368	2699	1355	0.51571	0.01289	-0.00045	0.00074
	ChIP-Seq	50	1264555	2734	14085	0.49517	0.01123	0.0031	0.01796
CGP-DSSPD-NR10-EXE4	STRING	2	1277447	2666	1309	0.52408	0.02756	-0.00039	0.00075
	NonSpecific	5	1277404	2663	1352	0.51591	0.01264	0.00114	0.001874
	ChIP-Seq	23	1264507	2782	14112	0.49497	0.01122	-0.00127	0.0082
CGP-DSSPD-NR10-EXE5	STRING	0	1277398	2715	1311	0.52361	0	-0.00147	0.0
	NonSpecific	1	1277353	2714	1356	0.51575	0.01231	-0.00098	0.000368
	ChIP-Seq	26	1264552	2737	14109	0.49483	0.01121	-0.00072	0.00941
CGP-KM-BKM-NR10-EXE1	STRING	2	1278725	1388	1309	0.52359	0.02628	0.00043	0.001439
	NonSpecific	0	1278677	1390	1357	0.51522	0	-0.00107	0.0
	ChIP-Seq	87	1257790	9499	14048	0.49441	0.0112	-0.00162	0.009076
CGP-KM-BKM-NR10-EXE2	STRING	1	1278799	1314	1310	0.52346	0.02611	-0.00026	0.00076
	NonSpecific	0	1278534	1533	1357	0.51502	0	-0.00113	0.0
	ChIP-Seq	145	1253053	14236	13990	0.49419	0.01123	-0.00097	0.010083
CGP-KM-BKM-NR10-EXE3	STRING	6	1277608	2505	1305	0.52384	0.0254	0.00189	0.002389
	NonSpecific	4	1277560	2507	1353	0.51545	0.01141	0.00073	0.001593
	ChIP-Seq	30	1258708	8581	14105	0.49238	0.01105	-0.00594	0.003484
CGP-KM-BKM-NR10-EXE4	STRING	3	1277988	2125	1308	0.52406	0.02537	0.00049	0.00141
	NonSpecific	4	1277943	2124	1353	0.51624	0.01153	0.00103	0.00188
	ChIP-Seq	54	1256561	10728	14081	0.49052	0.01089	-0.00531	0.005008
CGP-KM-BKM-NR10-EXE5	STRING	4	1278246	1867	1307	0.52419	0.02524	0.00133	0.002138
	NonSpecific	1	1278197	1870	1356	0.51639	0.0115	-0.00062	0.000534
	ChIP-Seq	151	1255050	12239	13984	0.49158	0.01105	0.00109	0.012187
CGP-KM-DSSPD-NR10-EXE1	STRING	3	1277375	2738	1308	0.52401	0.0248	0.0001	0.001094
	NonSpecific	6	1277332	2735	1351	0.51592	0.01122	0.00161	0.002189
	ChIP-Seq	31	1264362	2927	14104	0.4916	0.01107	-0.00025	0.01048
CGP-KM-DSSPD-NR10-EXE2	STRING	2	1277338	2775	1309	0.5242	0.02451	-0.00044	0.00072
	NonSpecific	1	1277291	2776	1356	0.51546	0.01097	-0.001	0.00036
	ChIP-Seq	28	1264235	3054	14107	0.49157	0.01107	-0.00092	0.009085
CGP-KM-DSSPD-NR10-EXE3	STRING	2	1277326	2787	1309	0.52405	0.02414	-0.00045	0.000717
	NonSpecific	1	1277279	2788	1356	0.51531	0.01081	-0.00101	0.000359
	ChIP-Seq	31	1264194	3095	14104	0.49142	0.01107	-0.00053	0.009917
CGP-KM-DSSPD-NR10-EXE4	STRING	4	1277460	2653	1307	0.52427	0.02393	0.00069	0.001505
	NonSpecific	2	1277412	2655	1355	0.51482	0.01058	-0.00043	0.000753
	ChIP-Seq	40	1264392	2897	14095	0.49168	0.01111	0.00119	0.013619
CGP-KM-DSSPD-NR10-EXE5	STRING	4	1277388	2725	1307	0.52456	0.02382	0.00064	0.001466
	NonSpecific	3	1277341	2726	1354	0.51434	0.01038	6e-05	0.001099
	ChIP-Seq	24	1264231	3058	14111	0.49131	0.01108	-0.00153	0.007787



Tabela 56: Tabular results for mHSC-L problem considering the 1000TF configuration with self-loop.

Alg	RefNet	TP	TN	FP	FN	AUROC	AUPRC	MCC	EPR
PIDC	STRING	16	478572	138	138	0.54922	0.16806	0.10361	0.103896
	NonSpecific	11	478240	307	306	0.51637	0.07023	0.03401	0.034591
	ChIP-Seq	50	468554	5130	5130	0.49942	0.01196	-0.00118	0.009653
GENIE3	STRING	9	478565	145	145	0.5486	0.14648	0.05814	0.058442
	NonSpecific	7	478237	310	310	0.51763	0.06302	0.02143	0.022082
	ChIP-Seq	50	468554	5130	5130	0.49874	0.01168	-0.00118	0.009653
GRNBOOST2	STRING	7	478563	147	147	0.54848	0.14725	0.04515	0.045455
	NonSpecific	6	478236	311	311	0.51752	0.05812	0.01828	0.018927
	ChIP-Seq	60	468564	5120	5120	0.49918	0.01211	0.00077	0.011583
SINCERITIES	STRING	0	478578	132	154	0.54802	0	-0.0003	0.0
	NonSpecific	0	478265	282	317	0.51716	0	-0.00063	0.0
	ChIP-Seq	24	468868	4816	5156	0.49624	0.01106	-0.00572	0.004633
PPCOR	STRING	0	478018	692	154	0.54658	0	-0.00068	0.0
	NonSpecific	0	477855	692	317	0.516	0	-0.00098	0.0
	ChIP-Seq	51	468555	5129	5129	0.49564	0.01128	-0.00098	0.009846
CGP-DSSPD-NR5-EXE1	STRING	1	470276	8434	153	0.54652	0.11146	-0.00152	0.000119
	NonSpecific	7	470119	8428	310	0.51559	0.03139	0.00087	0.00083
	ChIP-Seq	101	465350	8334	5079	0.49606	0.01165	0.0015	0.011974
CGP-DSSPD-NR5-EXE2	STRING	1	470278	8432	153	0.54639	0.10986	-0.00152	0.000119
	NonSpecific	6	470120	8427	311	0.51521	0.02931	0.00026	0.000711
	ChIP-Seq	102	465353	8331	5078	0.49653	0.0119	0.00165	0.012095
CGP-DSSPD-NR5-EXE3	STRING	4	470378	8332	150	0.54625	0.10831	0.00118	0.00048
	NonSpecific	5	470216	8331	312	0.51483	0.02761	-0.00032	0.0006
	ChIP-Seq	106	465454	8230	5074	0.49748	0.01217	0.00244	0.012716
CGP-DSSPD-NR5-EXE4	STRING	4	470209	8501	150	0.54619	0.10757	0.00112	0.00047
	NonSpecific	6	470048	8499	311	0.51453	0.02645	0.00023	0.000705
	ChIP-Seq	112	465291	8393	5068	0.49792	0.01228	0.00306	0.013169
CGP-DSSPD-NR5-EXE5	STRING	3	470177	8533	151	0.54599	0.10541	0.00022	0.000351
	NonSpecific	4	470015	8532	313	0.51407	0.02494	-0.00101	0.000469
	ChIP-Seq	61	465209	8475	5119	0.49585	0.01202	-0.00478	0.007146
CGP-DSSPD-NR10-EXE1	STRING	0	477064	1646	154	0.54593	0	-0.00105	0.0
	NonSpecific	0	476901	1646	317	0.51382	0	-0.00151	0.0
	ChIP-Seq	19	471984	1700	5161	0.49598	0.01207	0.00014	0.011053
CGP-DSSPD-NR10-EXE2	STRING	1	476985	1725	153	0.5458	0.10337	0.00086	0.000579
	NonSpecific	3	476824	1723	314	0.51351	0.02344	0.00252	0.001738
	ChIP-Seq	49	471947	1737	5131	0.49881	0.01251	0.00983	0.027436
CGP-DSSPD-NR10-EXE3	STRING	1	477039	1671	153	0.54574	0.10371	0.00091	0.000598
	NonSpecific	3	476878	1669	314	0.51327	0.02301	0.00261	0.001794
	ChIP-Seq	25	471948	1736	5155	0.49911	0.01254	0.00198	0.014196
CGP-DSSPD-NR10-EXE4	STRING	2	477064	1646	152	0.54561	0.10244	0.00292	0.001214
	NonSpecific	2	476901	1646	315	0.51303	0.02251	0.00126	0.001214
	ChIP-Seq	23	471984	1700	5157	0.49973	0.01263	0.00147	0.013349
CGP-DSSPD-NR10-EXE5	STRING	0	477075	1635	154	0.54554	0	-0.00105	0.0
	NonSpecific	0	476912	1635	317	0.51275	0	-0.00151	0.0
	ChIP-Seq	18	471947	1737	5162	0.49974	0.01262	-0.00033	0.010256
CGP-KM-BKM-NR10-EXE1	STRING	0	477504	1206	154	0.54541	0	-0.0009	0.0
	NonSpecific	0	477341	1206	317	0.51243	0	-0.00129	0.0
	ChIP-Seq	42	468206	5478	5138	0.49819	0.01244	-0.00335	0.007609
CGP-KM-BKM-NR10-EXE2	STRING	0	478154	556	154	0.54535	0	-0.00061	0.0
	NonSpecific	1	477992	555	316	0.51232	0.02121	0.00151	0.001799
	ChIP-Seq	55	465053	8631	5125	0.49645	0.01227	-0.00589	0.006332
CGP-KM-BKM-NR10-EXE3	STRING	0	475870	2840	154	0.54535	0	-0.00138	0.0
	NonSpecific	2	475709	2838	315	0.51225	0.02111	0.00013	0.000704
	ChIP-Seq	35	470768	2916	5145	0.49682	0.01233	0.00079	0.01186
CGP-KM-BKM-NR10-EXE4	STRING	0	478014	696	154	0.54528	0	-0.00068	0.0
	NonSpecific	0	477851	696	317	0.51215	0	-0.00098	0.0
	ChIP-Seq	88	468913	4771	5092	0.49912	0.01257	0.00714	0.018111
CGP-KM-BKM-NR10-EXE5	STRING	0	478170	540	154	0.54528	0	-0.0006	0.0
	NonSpecific	0	478007	540	317	0.51211	0	-0.00086	0.0
	ChIP-Seq	38	467939	5745	5142	0.49752	0.01243	-0.00454	0.006571
CGP-KM-DSSPD-NR10-EXE1	STRING	0	477028	1682	154	0.54522	0	-0.00106	0.0
	NonSpecific	2	476867	1680	315	0.51191	0.0206	0.00122	0.001189
	ChIP-Seq	11	471870	1814	5169	0.49667	0.01234	-0.00286	0.006027
CGP-KM-DSSPD-NR10-EXE2	STRING	1	477071	1639	153	0.54515	0.09833	0.00094	0.00061
	NonSpecific	1	476908	1639	316	0.51159	0.02015	-0.00012	0.00061
	ChIP-Seq	27	471890	1794	5153	0.49756	0.01243	0.00239	0.014827
CGP-KM-DSSPD-NR10-EXE3	STRING	0	477088	1622	154	0.54515	0	-0.00105	0.0
	NonSpecific	0	476925	1622	317	0.51133	0	-0.0015	0.0
	ChIP-Seq	10	471911	1773	5170	0.49653	0.01233	-0.00308	0.005609
CGP-KM-DSSPD-NR10-EXE4	STRING	1	477105	1605	153	0.54509	0.09778	0.00097	0.000623
	NonSpecific	1	476942	1605	316	0.51104	0.01948	-9e-05	0.000623
	ChIP-Seq	30	471934	1750	5150	0.49757	0.01242	0.00357	0.016854
CGP-KM-DSSPD-NR10-EXE5	STRING	3	477068	1642	151	0.54482	0.09569	0.00492	0.001824
	NonSpecific	4	476906	1641	313	0.51232	0.02001	0.00404	0.002432
	ChIP-Seq	34	471841	1843	5146	0.49881	0.01254	0.00443	0.018114

Tabela 57: hESC - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	36.87%	0.73795	0.71499	0.72629	62%
	1	65.24%				
NonSpecific	0	15.79%	0.51117	0.35257	0.41731	12.2%
	1	11.74%				
STRING	0	15.79%	0.30497	0.23792	0.26730	18.4%
	1	18.74%				
500TF						
ChIP-Seq	0	59.65%	0.30197	0.30565	0.30800	86.4%
	1	89.84%				
NonSpecific	0	61.4%	0.00749	0.00821	0.00783	76%
	1	77.88%				
STRING	0	35.09%	0.004056	0.005814	0.00478	38%
	1	38.37%				
1000nTF						
ChIP-Seq	0	70.65%	0.87629	0.87014	0.87320	75.3%
	1	77.07%				
NonSpecific	0	51.81%	0.62201	0.59091	0.60606	50%
	1	49.31%				
STRING	0	27.17%	0.30605	0.28948	0.29753	22.4%
	1	20.58%				
1000TF						
ChIP-Seq	0	86.85%	0.82063	0.80689	0.81370	89.36%
	1	90.37%				
NonSpecific	0	82.13%	0.32575	0.30926	0.31729	81.49%
	1	81.23%				
STRING	0	57.57%	0.12623	0.11853	0.12226	50.28%
	1	47.37%				

Tabela 58: hHep - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	80.47%	0.94592	0.95454	0.95027	75.6%
	1	64.97%				
NonSpecific	0	20.41%	0.49169	0.52658	0.508537	17.6%
	1	11.46%				
STRING	0	38.78%	0.61263	0.627067	0.619762	32.2%
	1	17.83%				
500TF						
ChIP-Seq	0	95.65%	0.72091	0.67159	0.69538	92.19%
	1	95.45%				
	2	91.14%				
	3	93.15%				
	4	89.66%				
NonSpecific	0	91.3%	0.265731	0.24107	0.25280	87.76
	1	72.73%				
	2	81.01%				
	3	86.72%				
	4	94.83%				
STRING	0	75.36%	0.09948	0.08452	0.09139	69.2%
	1	59.09%				
	2	39.24%				
	3	68.52%				
	4	90.09%				
1000nTF						
ChIP-Seq	0	74.71%	0.93933	0.92483	0.93202	81.6%
	1	83.98%				
NonSpecific	0	17.9%	0.60770	0.55700	0.58125	21%
	1	22.07%				
STRING	0	15.18%	0.61113	0.56859	0.58909	34.2%
	1	40.78%				
1000TF						
ChIP-Seq	0	92.58%	0.78745	0.78260	0.78501	91.92%
	1	88.15%				
	2	94.12%				
	3	91.24%				
	0	82.74%				
NonSpecific	1	94.79%	0.32664	0.32261	0.32462	84.53
	2	86.27%				
	3	80.08%				
	0	60.87%				
	1	91.00%				
STRING	2	63.24%	0.12396	0.11570	0.11969	61.40%
	3	36.65%				

Tabela 59: mDC - Clustering Quality - GWR (genes with relationship).

		GWR (%)	Homogeneity	Completeness	V-Measure	Total GWR (%)
500nTF						
ChIP-Seq	0	6.97%	0.73923	0.69956	0.71885	6.8%
	1	6.47%				
NonSpecific	0	6.36%	0.30870	0.30870	0.30870	6.6%
	1	7.06%				
STRING	0	16.06%	0.61047	0.59951	0.60494	17.4%
	1	20%				
500TF						
ChIP-Seq	0	55.79%	0.75024	0.71724	0.73337	54.57%
	1	50.51%				
	2	53.92%				
	3	75%				
NonSpecific	0	95.79%	0.38478	0.32547	0.35265	78.32%
	1	75.76%				
	2	65.36%				
	3	62.5%				
STRING	0	81.05%	0.27464	0.20788	0.23664	59.32%
	1	59.09%				
	2	39.87%				
	3	53.12%				
1000nTF						
ChIP-Seq	0	26.44%	0.84284	0.80088	0.82132	26.1%
	1	25.1%				
NonSpecific	0	25.9%	0.55527	0.51299	0.53330	27.2%
	1	31.08%				
STRING	0	23.9%	0.53696	0.47856	0.50608	25%
	1	28.29%				
1000TF						
ChIP-Seq	0	52.04%	0.84085	0.79784	0.81878	52.23%
	1	52.85%				
NonSpecific	0	74.53%	0.52541	0.43127	0.47371	74.19%
	1	73.10%				
STRING	0	51.34%	0.39610	0.29902	0.34079	51.55%
	1	52.22%				

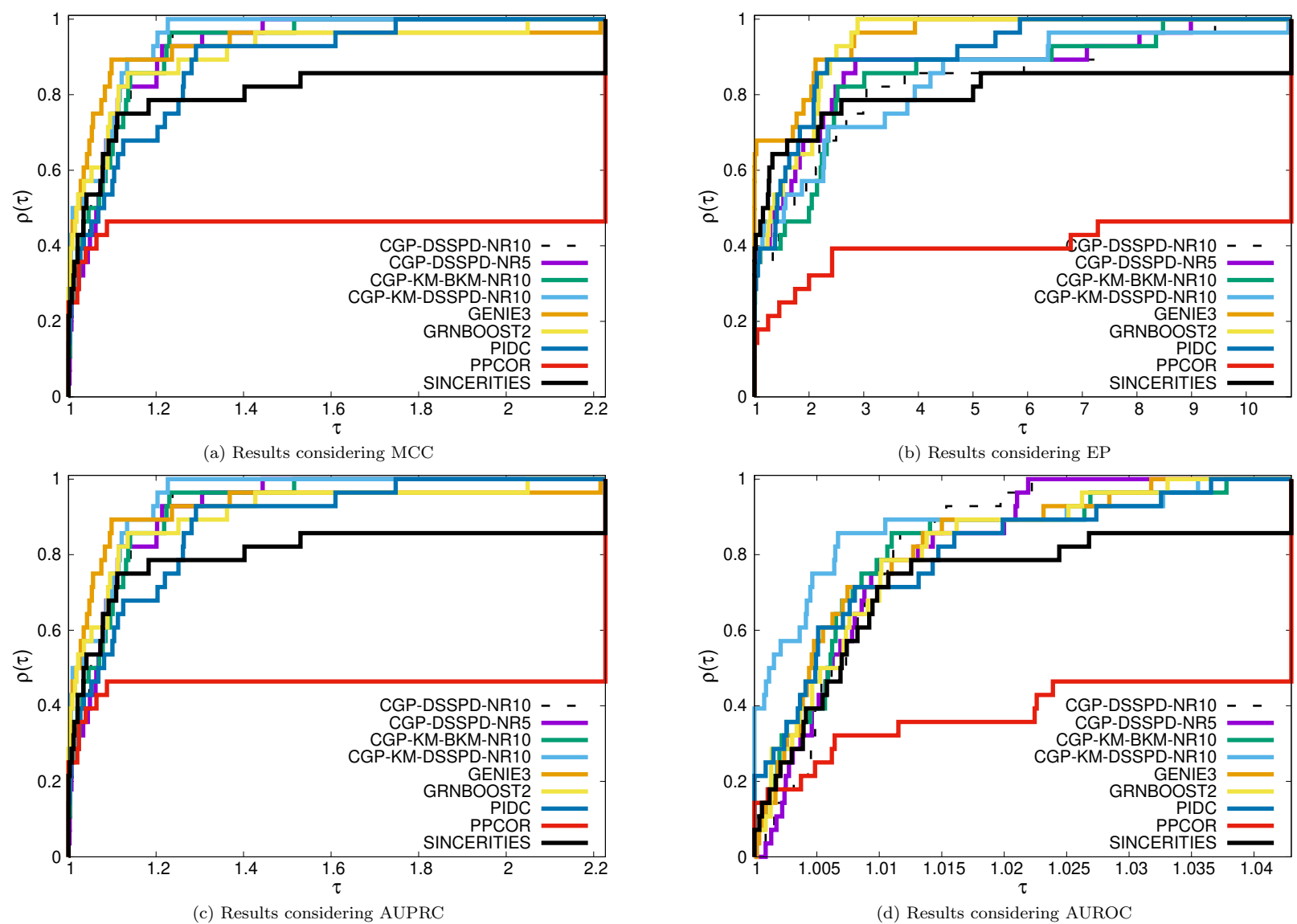


Figure 1: Results for the problems considering all scenarios without self-loop.