

```
;TFM Explorer
;Date           : Wed May 13 06:38:01 2020
;Scanned location : -3000:300
;Scanned sequences : None (46 sequences)
;Scanned matrices : (130 matrices)
;Parameters      : minsize= 30, maxsize= 1500, ratio=3.0, top=25
;
; headers
;   1   rank           window rank
;   2   matrix         matrix name
;   3   tf             transcription factor name
;   4   info           information of content of the matrix
;   5   gc             gc content of the matrix (G+C)%
;   6   location       location of the window (relatively to TSS)
;   7   pvalue         pvalue of the window
```

```
1   MA0080.2          SPI1      9.64024729829   0.435374151649   -1423:-1154
3.56627272327e-08
```

list of hits

LRR1Q1	-1387	-1380	-	6.42	ACTTTCT
CORO2B	-1275	-1268	+	6.81	AGGAAGC
CORO2B	-1264	-1257	-	6.28	ACTTCCG
ITGA11	-1311	-1304	-	6.78	ATTTCCCT
FEM1B	-1211	-1204	-	8.65	ACTTCCT
RSU1	-1282	-1275	+	6.31	AGGAAGA
C1QL3	-1312	-1305	+	6.81	AGGAAGC
C1QL3	-1273	-1266	-	6.81	GCTTCCT
PTER	-1309	-1302	-	6.31	TCTTCCT
PTER	-1179	-1172	-	6.78	ATTTCCCT
BET1	-1322	-1315	+	6.42	AGAAAGT
TFPI2	-1415	-1408	+	6.31	AGGAAGA
GNG11	-1275	-1268	-	6.45	ACTTCTT
GNGT1	-1392	-1385	+	8.65	AGGAAGT
GNGT1	-1326	-1319	+	6.31	AGGAAGA
CLRN2	-1192	-1185	-	6.28	ACTTCCG
LAP3	-1372	-1365	+	8.65	AGGAAGT
MED28	-1292	-1285	-	6.28	AGTTCCCT
MED28	-1242	-1235	+	6.42	AGAAAGT
FAM184B	-1350	-1343	+	6.31	AGGAAGA
FAM184B	-1316	-1309	-	6.31	TCTTCCT
GLB1L2	-1304	-1297	-	8.65	ACTTCCT
B3GAT1	-1295	-1288	-	8.65	ACTTCCT
TMEM215	-1361	-1354	-	6.96	ACTTCCC
TMEM215	-1198	-1191	-	6.31	TCTTCCT
NDUFB6	-1326	-1319	-	6.31	TCTTCCT
TOPORS	-1273	-1266	-	6.96	ACTTCCC
ACO1	-1323	-1316	-	8.65	ACTTCCT
ACO1	-1223	-1216	+	6.42	AGAAAGT
DDX58	-1394	-1387	+	8.65	AGGAAGT
DDX58	-1216	-1209	+	6.31	AGGAAGA
DDX58	-1164	-1157	+	6.31	AGGAAGA
PKHD1	-1202	-1195	+	6.81	AGGAAGC
RASAL1	-1399	-1392	+	6.96	GGGAAGT
RASAL1	-1391	-1384	-	8.65	ACTTCCT
DDX54	-1158	-1151	+	6.31	AGGAAGA
PLBD2	-1419	-1412	+	6.31	AGGAAGA
PLBD2	-1385	-1378	-	6.31	TCTTCCT
SDSL	-1421	-1414	-	6.31	TCTTCCT
TTC23L	-1423	-1416	+	6.81	AGGAAGC
TTC23L	-1389	-1382	-	6.31	TCTTCCT
TTC23L	-1236	-1229	-	6.45	ACTTCTT
BRIX1	-1375	-1368	-	6.96	ACTTCCC
RAD1	-1384	-1377	+	6.78	AGGAAAT
RAD1	-1252	-1245	-	6.31	TCTTCCT
AGXT2	-1154	-1147	+	6.28	AGGAAGT
DNAJC21	-1155	-1148	-	6.31	TCTTCCT
PRLR	-1234	-1227	+	6.81	AGGAAGC
PRLR	-1185	-1178	-	6.31	TCTTCCT

RAI14	-1387	-1380	+	6.45	AAGAAGT
RAI14	-1327	-1320	+	6.31	AGGAAGA
RAI14	-1252	-1245	+	8.65	AGGAAGT

2 MA0031.1 FOXD1 11.9264176032 0.27500000177 -1819:-1739
8.25901485677e-07

list of hits

FEM1B	-1774	-1766	-	6.77	TTGTTTAA
BET1	-1787	-1779	+	6.77	ATAAACAA
MED28	-1818	-1810	+	6.85	GTAAATAT
MED28	-1786	-1778	+	5.88	GTAAATAG
MED28	-1761	-1753	+	6.77	ATAAACAA
GLB1L2	-1768	-1760	+	9.69	GTAAACAT
TMEM215	-1757	-1749	+	5.94	CTAAACAG
TOPORS	-1801	-1793	+	6.91	TTAAACAT
ACO1	-1747	-1739	+	6.66	GTCAACAA
DDX58	-1808	-1800	+	6.72	GTAAAAAA
DTX1	-1739	-1731	+	6.77	ATAAACAA
_IQCD	-1814	-1806	-	6.72	TTTTTTTAC
TPCN1	-1744	-1736	+	6.85	GTAACCAT
PLBD2	-1799	-1791	-	5.94	CTGTTTAT
PLBD2	-1774	-1766	-	6.72	TTTTTTTAC
SDS	-1775	-1767	+	6.66	GTCAACAA
TTC23L	-1819	-1811	-	6.91	ATGTTTAA
RAI14	-1761	-1753	+	6.85	GTAAGCAT

3 MA0259.1 HIF1A::ARNT 9.73982402355 0.657451923937 -2309:-2025
9.9483690962e-07

list of hits

ITGA11	-2114	-2106	-	7.13	TCACGTCC
QDPR	-2292	-2284	-	7.14	CCACGTAC
MED28	-2267	-2259	+	7.45	CCACGTGC
GLB1L2	-2267	-2259	-	6.64	CCACGTCT
TMEM215	-2230	-2222	+	7.08	GCACGTGG
RASAL1	-2309	-2301	-	7.23	CCACGTCC
CFAP73	-2048	-2040	+	7.13	GGACGTGA
DDX54	-2232	-2224	-	6.95	GCACGCCC
TPCN1	-2269	-2261	+	6.95	GGACGTGT
TPCN1	-2230	-2222	+	7.41	ACACGTGC
SDS	-2025	-2017	+	7.41	ACACGTGC
TTC23L	-2245	-2237	+	7.45	CCACGTGC
TTC23L	-2164	-2156	-	7.61	GCACGTGC
AGXT2	-2128	-2120	+	6.54	AGACGTGA
AGXT2	-2087	-2079	+	6.79	GCACGTGT

4 MA0259.1 HIF1A::ARNT 9.73982402355 0.657451923937 -333:55
3.76114574543e-06

list of hits

CORO2B	-0333	-325	+	6.95	GGGCGTGC
CORO2B	+0041	49	-	6.39	GCACGCCG
FEM1B	+0036	44	-	6.79	GCACGCGC
RSU1	-0219	-211	-	6.97	TCACGTGC
RSU1	-0121	-113	+	7.13	GGACGTGA
C1QL3	+0012	20	+	7.08	GCACGTGG
BET1	+0055	63	+	6.64	AGACGTGG
TFPI2	-0282	-274	+	6.55	ATACGTGG
QDPR	-0219	-211	+	6.55	ATACGTGG
QDPR	-0124	-116	-	6.95	GCACGCCC
QDPR	+0011	19	+	6.95	GGGCGTGC
LAP3	-0321	-313	+	6.79	GCGCGTGC
LAP3	-0290	-282	-	6.86	GCACGCAC
LAP3	-0154	-146	-	6.95	GCACGCCC
LAP3	-0026	-18	+	7.45	CCACGTGC
MED28	-0123	-115	+	7.57	AGACGTGC
FAM184B	-0325	-317	-	6.59	CCACGTAG
FAM184B	-0253	-245	+	8.00	GCACGTGC
FAM184B	-0044	-36	-	6.97	TCACGTGC
DDX58	-0272	-264	-	6.86	ACACGTAC
DDX58	-0070	-62	-	6.30	GCACGCAG

OAS2	-0116	-108	+	6.97	GCACGTGA
DDX54	-0269	-261	+	7.61	CGACGTGC
DDX54	+0040	48	-	6.86	GCACGCAC
DTX1	-0074	-66	-	6.38	TCACGTGT
_IQCD	-0201	-193	-	7.13	TCACGTCC
RITA1	-0281	-273	+	6.86	GTGCGTGC
RITA1	+0028	36	-	7.61	GCACGTGC
TPCN1	-0057	-49	+	7.13	GGACGTGA
SLC8B1	-0201	-193	-	6.45	TCACGTAT
SDSL	-0128	-120	+	8.00	GCACGTGC
LHX5	-0061	-53	+	7.51	CTACGTGC
BRIX1	-0294	-286	-	6.40	GCACGTTG
RAD1	-0321	-313	+	6.79	GCGCGTGC
RAI14	-0075	-67	+	6.52	CCACGTGG

5 MA0087.1 Sox5 10.8307137621 0.198757763952 -1426:-1190
5.79285645001e-06

list of hits

LRRIQ1	-1282	-1275	+	5.34	AAGCAAT
LRRIQ1	-1212	-1205	-	5.34	ATTGCTT
LRRIQ1	-1190	-1183	-	5.34	ATTATTT
FEM1B	-1326	-1319	-	5.39	ATTGTAT
FEM1B	-1259	-1252	+	5.34	AAACACT
C1QL3	-1385	-1378	-	5.34	AGTGTTA
C1QL3	-1194	-1187	+	5.39	ATACAAT
PTER	-1411	-1404	+	5.34	TAGCAAT
BET1	-1305	-1298	-	5.34	ATTATTT
BET1	-1241	-1234	-	5.39	ATTGTAA
GNGT1	-1299	-1292	-	8.38	ATTGTTT
QDPR	-1426	-1419	+	5.39	TTACAAT
QDPR	-1419	-1412	-	5.34	AGTGTTA
CLRN2	-1223	-1216	+	8.38	TAACAAT
FAM184B	-1283	-1276	-	5.34	ATTATTA
TMEM215	-1324	-1317	+	5.39	TGACAAT
NDUFB6	-1413	-1406	-	8.38	ATTGTTT
NDUFB6	-1290	-1283	+	5.39	ATACAAT
NDUFB6	-1217	-1210	+	5.39	TGACAAT
NDUFB6	-1190	-1183	+	7.69	CAACAAT
TOPORS	-1327	-1320	-	5.34	ATTGCTT
ACO1	-1309	-1302	+	5.34	AAATAAT
DDX58	-1248	-1241	+	5.34	AAGCAAT
OAS2	-1424	-1417	+	5.34	AAATAAT
CFAP73	-1389	-1382	+	5.39	TGACAAT
CFAP73	-1289	-1282	-	5.34	AGTGTTT
_IQCD	-1420	-1413	-	5.39	ATTGTCT
_IQCD	-1342	-1335	-	5.39	ATTGTCA
RITA1	-1218	-1211	+	5.34	TAGCAAT
TPCN1	-1398	-1391	-	5.39	ATTGTAT
TPCN1	-1347	-1340	-	5.34	ATTGCTT
SDSL	-1199	-1192	-	7.69	ATTGTTG
LHX5	-1315	-1308	+	5.39	ATACAAT
TTC23L	-1205	-1198	-	8.38	ATTGTTT
BRIX1	-1282	-1275	-	5.34	ATTATTA
BRIX1	-1249	-1242	+	5.34	AAACACT
AGXT2	-1332	-1325	-	5.34	AGTGTTT
AGXT2	-1250	-1243	+	7.41	GAACAAT
DNAJC21	-1411	-1404	-	5.39	ATTGTCT
DNAJC21	-1394	-1387	+	5.39	ATACAAT

6 MA0067.1 Pax2 6.20567064398 0.516129044515 -1410:-1244
9.15373698354e-06

list of hits

LRRIQ1	-1410	-1402	-	5.99	AAGTGAAT
ALX1	-1310	-1302	-	5.85	GCGTGATT
CORO2B	-1316	-1308	-	5.94	ACGTGACC
FEM1B	-1317	-1309	+	5.89	TGTCACCT
FEM1B	-1244	-1236	+	6.26	GGTCACGG
TFPI2	-1398	-1390	-	6.41	CCATGACA
LAP3	-1301	-1293	-	6.20	CAGTGACA

TMEM215	-1366	-1358	-	6.20	ACATGACT
ACO1	-1274	-1266	-	6.41	GCATGACA
DDX58	-1391	-1383	-	5.89	AAGTGACA
RASAL1	-1396	-1388	-	5.99	AAGTGACT
TPCN1	-1297	-1289	-	5.99	AAGTGACT
SDSL	-1343	-1335	-	5.99	AAGTGACT
SDSL	-1318	-1310	-	5.85	GCGTGATT
SDSL	-1253	-1245	+	5.84	CGTCATGT
TTC23L	-1334	-1326	-	6.51	CCATGACT
DNAJC21	-1340	-1332	-	5.99	AAGTGACT
DNAJC21	-1279	-1271	+	5.89	TGTCACCT

7 MA0136.1 ELF5 8.69309550562 0.429292928841 -1399:-1293
2.17710570593e-05

list of hits

ITGA11	-1312	-1303	+	8.56	TATTTCCCTT
PTER	-1310	-1301	+	6.19	CTCTTCCTT
GNGT1	-1393	-1384	-	7.93	AAGGAAGTG
GNGT1	-1340	-1331	-	7.33	AAGGATATT
GNGT1	-1327	-1318	-	6.34	CAGGAAGAA
QDPR	-1324	-1315	+	6.82	TTTTTCCTT
CLRN2	-1303	-1294	-	6.31	AAGGAAAAT
LAP3	-1373	-1364	-	8.08	CAGGAAGTA
MED28	-1293	-1284	+	7.35	TAGTTCCTT
FAM184B	-1338	-1329	-	6.64	ACGGATGTT
GLB1L2	-1305	-1296	+	7.77	TACTTCCTC
B3GAT1	-1397	-1388	-	6.82	AAGGAAAAA
B3GAT1	-1296	-1287	+	7.26	AACTTCCTC
TOPORS	-1398	-1389	+	6.43	TATTTCCCT
ACO1	-1324	-1315	+	7.93	CACTTCCTT
DDX58	-1395	-1386	-	6.30	TAGGAAGTG
RASAL1	-1392	-1383	+	6.21	GACTTCCTG
PLBD2	-1399	-1390	+	6.64	AACATCCGT
TTC23L	-1390	-1381	+	6.48	ATCTTCCTT
RAD1	-1385	-1376	-	6.81	GAGGAAATG
RAD1	-1342	-1333	+	7.35	TAGTTCCTT

8 MA0131.1 MIZF 13.1966528521 0.610000000149 -1995:-1765
3.10860638316e-05

list of hits

CORO2B	-1884	-1874	-	5.28	GAGGGCGTTC
ITGA11	-1765	-1755	-	7.97	ACGGACTTTG
RSU1	-1990	-1980	-	5.23	CCGGAAGTAA
LOC100072895	-1945	-1935	+	5.00	GTAGGTCCGG
TOPORS	-1784	-1774	+	4.85	TTACTTCCTC
RASAL1	-1921	-1911	-	5.84	CAGGACGTTG
CFAP73	-1834	-1824	+	5.99	TAACGTCCTG
CFAP73	-1791	-1781	+	5.14	GAACGGCCGC
SLC8B1	-1796	-1786	+	6.53	CTAGGTCCGT
SDS	-1964	-1954	+	6.51	CAACTTCCGA
LHX5	-1995	-1985	+	5.23	TAAATTCCTG
RAI14	-1869	-1859	-	4.40	AAGGACCTTG
RAI14	-1796	-1786	-	5.52	GCTGACGTTA

9 MA0143.1 Sox2 12.9512704469 0.361474939125 -781:-704
3.70170555013e-05

list of hits

LRR1Q1	-0761	-746	+	5.90	TAATTCCTTATGTTGA
LRR1Q1	-0711	-696	+	6.10	CTATTTTCCTTTGAAA
TFPI2	-0714	-699	-	5.02	TCTCAAAAACAGTAG
GNG11	-0764	-749	+	5.47	TTATTCCTTCTCTAG
GNGT1	-0766	-751	-	7.03	GGTGCAGAAGAAAGA
GNGT1	-0744	-729	+	7.34	CTTTTATGATGTACA
GNGT1	-0704	-689	+	5.10	CCTTTAACCTGCTGT
QDPR	-0750	-735	-	5.61	CTAGCAGACCAAAGA
LAP3	-0755	-740	+	6.17	GCATTTTTTTTACAAA
LAP3	-0726	-711	-	7.05	TTTAAAAAAGAAAAA
MED28	-0772	-757	+	7.05	TTTTTCTTTTTTAAA
MED28	-0712	-697	+	5.17	TTTTTCTTCTGCTTT

FAM184B	-0781	-766	+	5.65	CCTTTGTTCCGTGAT
GLB1L2	-0737	-722	+	6.62	CCATTCTTCTGTCAG
TOPORS	-0714	-699	-	5.67	GATGCAGCAGAATGA
OAS2	-0742	-727	+	6.29	CCTTTGTCTTCTGTA
CFAP73	-0780	-765	-	6.10	TGTGAAAAAAATGA
DDX54	-0708	-693	-	5.18	TACAGATGACAAAAC
RAD1	-0706	-691	-	6.18	ACCGCATAACAAGGG
DNAJC21	-0722	-707	+	6.02	GCATTCTTAACCTAA

10 MA0122.1 Nkx3-2 8.54224970754 0.462962961859 -1177:-1110
4.32905859778e-05

list of hits

ITGA11	-1177	-1168	+	6.88	CTGAGTGGG
CLRN2	-1161	-1152	-	6.26	GCCACTTCT
LAP3	-1125	-1116	+	6.22	TGAAGTGAA
LOC100072895		-1166	-1157	-	6.11 CCCACTCCA
LOC100072895		-1154	-1145	+	6.15 CCAAGTGCA
TMEM215	-1144	-1135	+	6.37	CTGAGTAGA
TMEM215	-1114	-1105	+	6.69	TGGAGTGGA
TOPORS	-1138	-1129	+	6.84	CCAAGTGGA
RASAL1	-1171	-1162	-	6.13	GTCACTCAG
CFAP73	-1137	-1128	+	6.84	CCAAGTGGA
_IQCD	-1116	-1107	+	6.26	GGAAGTGGC
RITA1	-1110	-1101	-	6.53	GGCACTCAG
TPCN1	-1138	-1129	-	6.53	GGCACTCAG
PLBD2	-1168	-1159	-	6.37	TCTACTCAG

11 MA0145.1 Tcfcp2l1 11.6502911816 0.609628129495 -1339:-1287
4.97937789201e-05

list of hits

C1QL3	-1298	-1284	+	5.86	CCAGTTAAGACCAT
MED28	-1339	-1325	+	5.53	CCACTTCTGTCTG
LOC100072895		-1287	-1273	-	5.33 CTGCCCTGGCGCAGG
B3GAT1	-1334	-1320	-	5.87	CTGCACTGGGCAGG
DTX1	-1317	-1303	+	6.08	CCAGAAAAATGCAG
RITA1	-1336	-1322	+	5.48	CAAGGTTGGGCCAG
RITA1	-1313	-1299	+	5.75	CCGGGCTGCACCAG
RITA1	-1289	-1275	-	5.75	CTGGCCTGAGCCAC
SLC8B1	-1287	-1273	+	5.33	CCAGTCCCATGTTG
SDS	-1316	-1302	-	6.45	CCGGCCTCGCCTGG
LHX5	-1298	-1284	+	5.80	CAAGTGTAAGCTAG
RAI14	-1306	-1292	-	5.85	TTGCTTTGAACTGG

12 MA0004.1 Arnt 10.9916749403 0.641666668778 -419:13 5.51564255093e-05

list of hits

RSU1	-0218	-212	+	8.00	CACGTG
C1QL3	+0013	19	+	8.00	CACGTG
LAP3	-0403	-397	+	8.00	CACGTG
LAP3	-0397	-391	+	8.00	CACGTG
LAP3	-0025	-19	+	8.00	CACGTG
MED28	-0040	-34	+	8.00	CACGTG
FAM184B	-0380	-374	+	8.00	CACGTG
FAM184B	-0252	-246	+	8.00	CACGTG
FAM184B	-0043	-37	+	8.00	CACGTG
NDUFB6	-0419	-413	+	8.00	CACGTG
TOPORS	-0193	-187	+	8.00	CACGTG
OAS2	-0115	-109	+	8.00	CACGTG
RASAL1	-0379	-373	+	8.00	CACGTG
DTX1	-0073	-67	+	8.00	CACGTG
PLBD2	+0003	9	+	8.00	CACGTG
SDSL	-0127	-121	+	8.00	CACGTG
RAI14	-0074	-68	+	8.00	CACGTG

13 MA0156.1 FEV 12.1208832256 0.442307695746 -2003:-1856
7.05488822314e-05

list of hits

LRRIQ1	-1875	-1867	+	5.79	AGGGAAGT
LRRIQ1	-1856	-1848	+	5.26	TGGGAAAT
ALX1	-2003	-1995	+	7.28	TAGGAAGT

FEM1B	-1996	-1988	+	8.11	AAGGAAAT
RSU1	-1990	-1982	+	8.36	CCGGAAGT
RSU1	-1950	-1942	-	5.94	ATTTCCCT
RSU1	-1884	-1876	+	8.11	AAGGAAAT
QDPR	-1991	-1983	+	6.99	CAGGATGT
LAP3	-1891	-1883	+	5.26	GGGGAAAT
TMEM215	-1878	-1870	+	8.11	AAGGAAAT
NDUFB6	-1972	-1964	-	7.43	ATTTCCCTA
ACO1	-1957	-1949	-	7.43	ATTTCCCTC
PKHD1	-1883	-1875	+	7.96	AAGGAAGT
OAS2	-1982	-1974	-	7.43	ATTTCCCTC
DTX1	-1883	-1875	-	7.28	ACTTCCTC
TPCN1	-1955	-1947	+	5.26	GGGGAAAT
PLBD2	-1898	-1890	-	5.26	ATTTCCCC
SDS	-1962	-1954	-	6.19	ACTTCCGA
TTC23L	-1869	-1861	-	5.79	ACTTCCCT
AGXT2	-1861	-1853	-	5.11	ACTTCCCA

14 MA0002.2 RUNX1 10.4014248352 0.501590918453 -877:-805
7.14859891226e-05

list of hits

RSU1	-0842	-831	-	6.26	AAAGCACAGAT
C1QL3	-0877	-866	-	5.93	AACACACAGAA
BET1	-0875	-864	-	7.76	AAACCGCAAAC
TFPI2	-0814	-803	-	6.51	AAAACACAAAT
B3GAT1	-0805	-794	+	6.94	TCCTGTGGCTC
DDX58	-0862	-851	-	6.75	ACACCACAACA
DDX58	-0820	-809	-	5.68	AACCCAAAGAC
DDX58	-0805	-794	-	6.09	AAATCACAGAA
PKHD1	-0822	-811	-	6.00	AAAACACAAGT
OAS2	-0835	-824	-	6.21	TGACCACACAT
CFAP73	-0852	-841	+	6.39	TTCTGTGTCTT
DTX1	-0867	-856	-	7.36	CACCCACAGGC
SDSL	-0877	-866	+	6.83	GTCTGTGTTCT
SDSL	-0835	-824	-	8.22	AAACCACAATT
PRLR	-0875	-864	-	7.55	AAACCTCAGAG
PRLR	-0807	-796	+	6.86	GCCAGTGGTTT

15 MA0036.1 GATA2 5.68777361321 0.403773584962 -1387:-1332
7.57797974028e-05

list of hits

CORO2B	-1356	-1351	-	4.95	TATCC
TFPI2	-1387	-1382	+	4.95	GGATA
TFPI2	-1346	-1341	-	4.95	TATCC
GNGT1	-1338	-1333	+	4.95	GGATA
LAP3	-1381	-1376	+	4.95	GGATA
LAP3	-1361	-1356	-	4.95	TATCC
TOPORS	-1336	-1331	-	4.95	TATCC
DDX58	-1345	-1340	+	4.95	GGATA
CFAP73	-1367	-1362	+	4.95	GGATA
TPCN1	-1374	-1369	-	4.95	TATCC
PRLR	-1332	-1327	+	4.95	GGATA
RAI14	-1338	-1333	+	4.95	GGATA

16 MA0058.1 MAX 12.6854143903 0.57058823479 -1942:-1902
9.02629412533e-05

list of hits

RSU1	-1916	-1906	-	4.50	ACATGTGGGT
PTER	-1904	-1894	+	6.90	ACACACGTGC
TOPORS	-1910	-1900	-	7.36	CCATGTGGTT
OAS2	-1927	-1917	+	6.42	GGACACATGA
OAS2	-1905	-1895	-	5.52	ACATGTGACC
RASAL1	-1942	-1932	+	5.60	CACCCCGTGG
BRIX1	-1902	-1892	+	4.81	GACCCCATGA
PRLR	-1941	-1931	+	4.34	AACCTCGTGA

17 MA0091.1 TAL1::TCF3 14.0701377852 0.452651524916 -1461:-1392
9.72366660183e-05

list of hits

PTER	-1458	-1446	+	7.96	GATCCATCTGTT
GNGT1	-1425	-1413	-	5.28	AATAGATGTTTG
CLRN2	-1415	-1403	+	5.02	CAAGCATATGGT
NDUFB6	-1442	-1430	-	5.71	TAAAGATGTTCC
DDX58	-1414	-1402	+	4.62	TAGACATCTTTT
DTX1	-1402	-1390	-	4.46	AACATAAGGTTG
PLBD2	-1453	-1441	+	8.75	CTAACATCTGCT
SDS	-1451	-1439	+	5.29	GGGCCAGCTGTG
BRIX1	-1409	-1397	-	6.29	AACAAATGTTCT
DNAJC21	-1461	-1449	+	9.23	AGTCCATCTGTT
DNAJC21	-1448	-1436	-	7.83	AAAAGATGTTCC
PRLR	-1392	-1380	+	4.97	ACACCATCTTGG