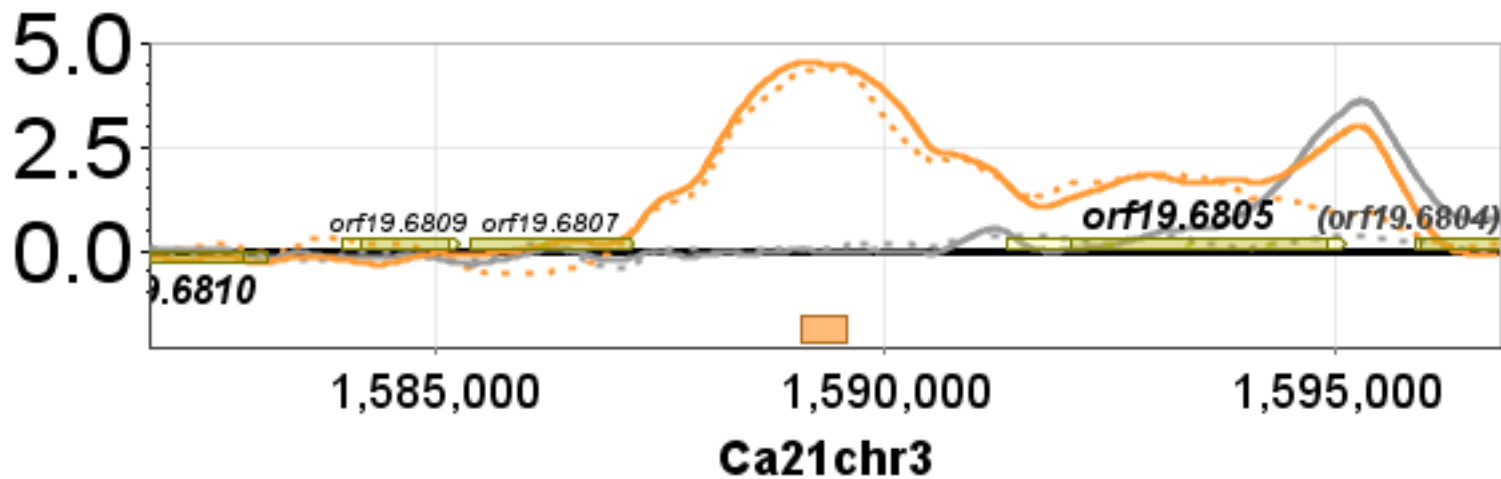


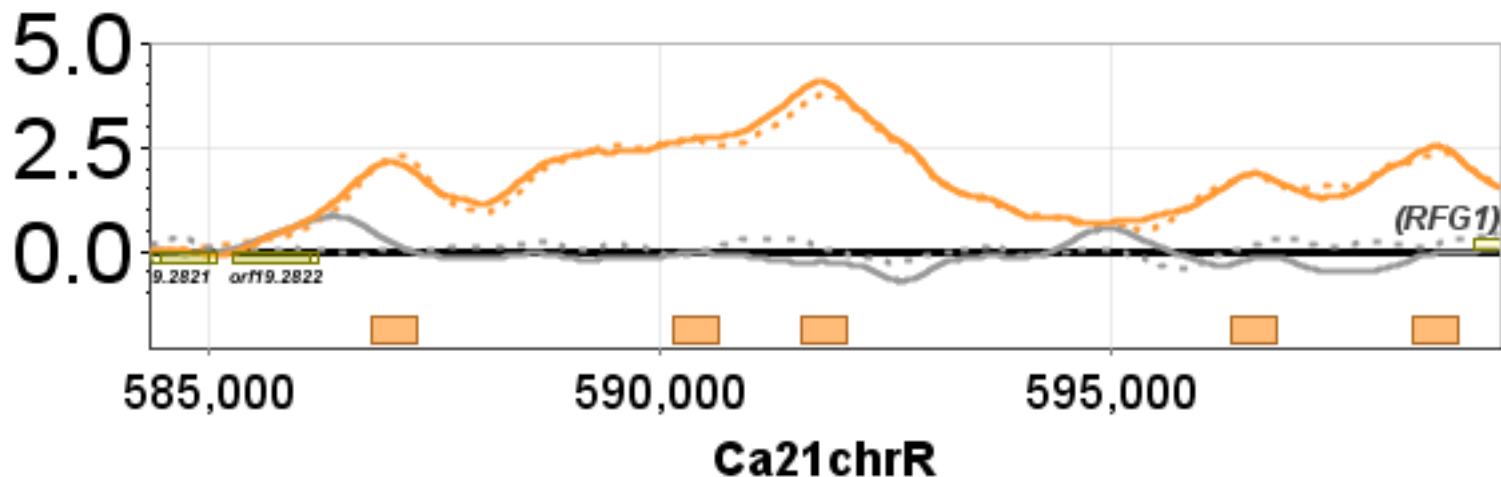
Full genome chromatin immunoprecipitation (ChIP-chip) mapping of Wor1 binding sites in opaque cells.

Plots of 15kb regions centered on the set of 487 Wor1 binding sites in opaque cells, based on a reanalysis of the previously published Wor1 ChIP-chip data (Zordan, et al., 2007) using the same criteria as previously reported for the other five regulators (Lohse, et al., 2013). Smoothed enrichment data for the wild type strain is shown in orange, for the *wor1* deletion strain in grey. Data for both the Wor1 c-terminal peptide antibody (solid lines) and the Wor1 n-terminal peptide antibody (dashed lines) are shown. The 500bp called peaks of Wor1 enrichment are indicated by the orange boxes in the lower track in each image. Peaks are arranged in order of decreasing Wor1 enrichment. Enrichment (\log_2) is indicated on the y-axis. Chromosomal locations and specific enrichment levels for the peak are indicated in the strip above each panel; when multiple peaks are present the enrichment value corresponds to the peak at the center of the plot. Yellow boxes correspond to genes; 5' or 3' untranslated regions are included as lighter shaded portions of the box. Genes plotted above the bold line read in the sense direction; genes plotted below the line read in the antisense direction. Plots produced using the SnapShot Function in MochiView v1.46 (Homann and Johnson, 2010).

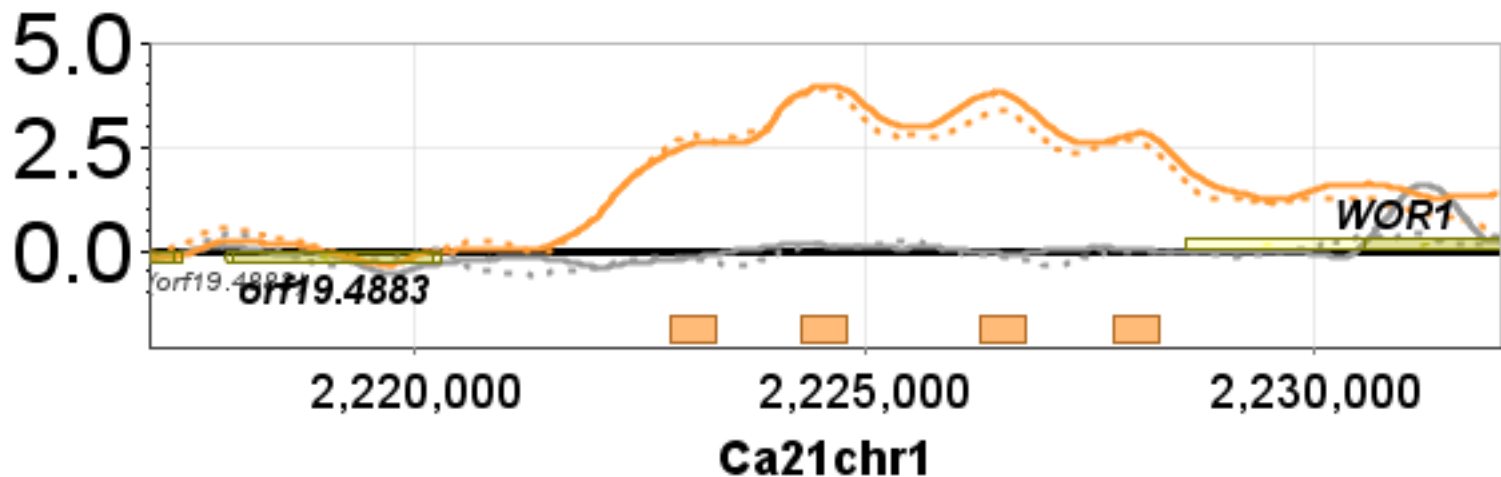
[4.568] Ca21chr3:1581822-1596821 [+] [ntar_667, ntar_666, orf19.6805, ntar_665, orf19.6807]



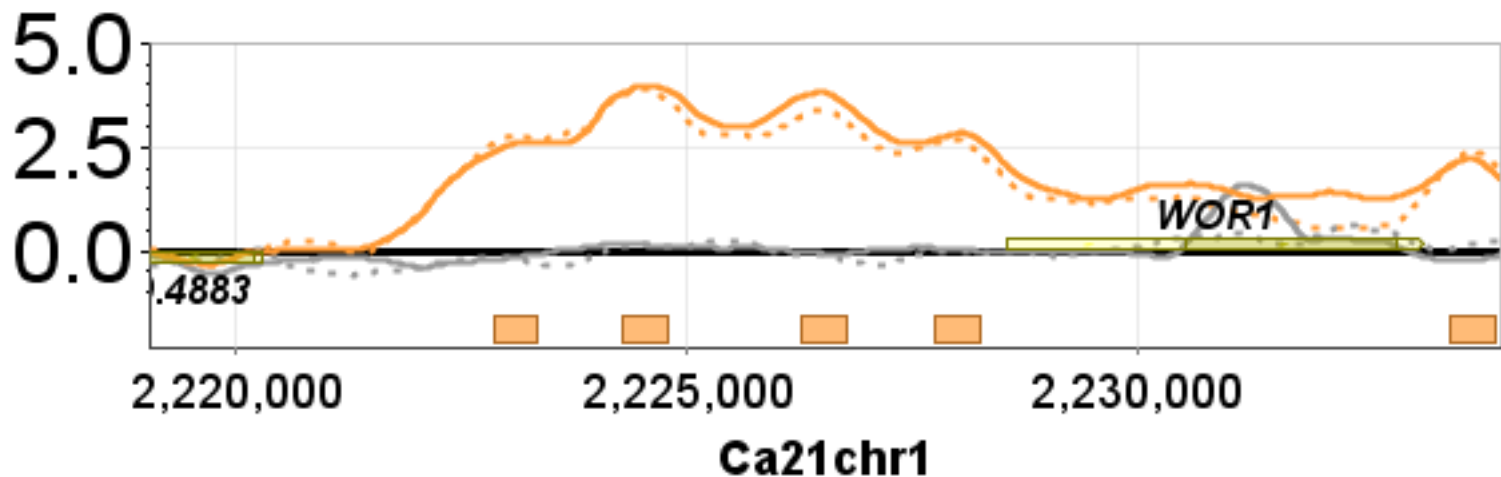
[4.084] Ca21chrR:584320-599319 [+] [orf19.2822, orf19.2821, RFG1]



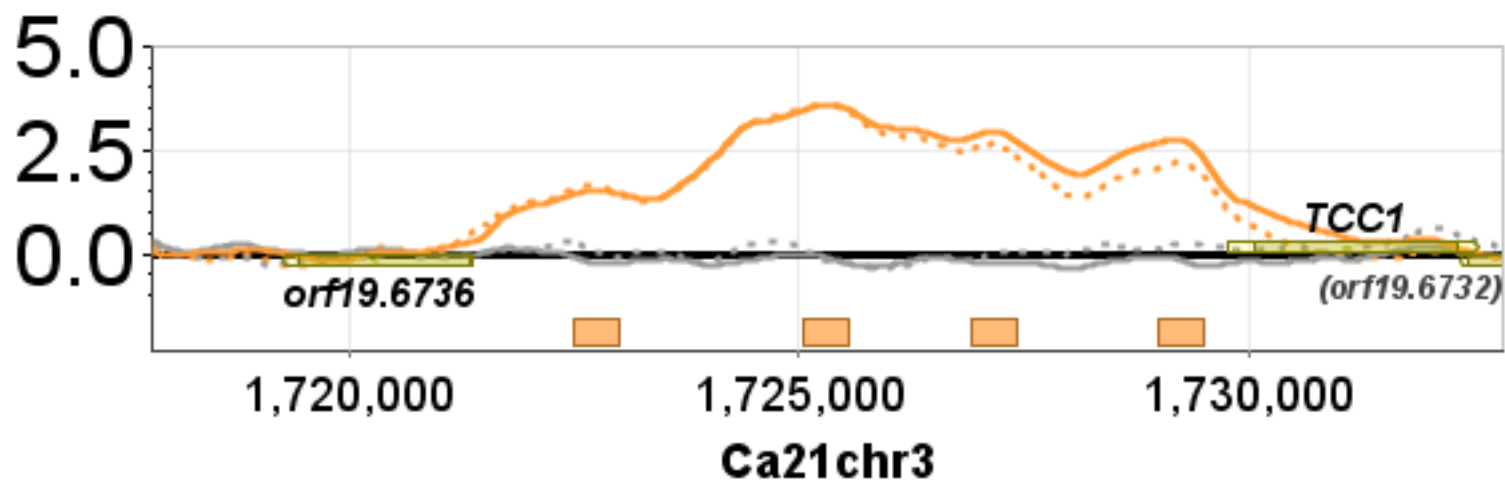
[3.992] Ca21chr1:2217048-2232047 [+] [ntar_207, WOR1, orf19.4883, ntar_206, orf19.4882]



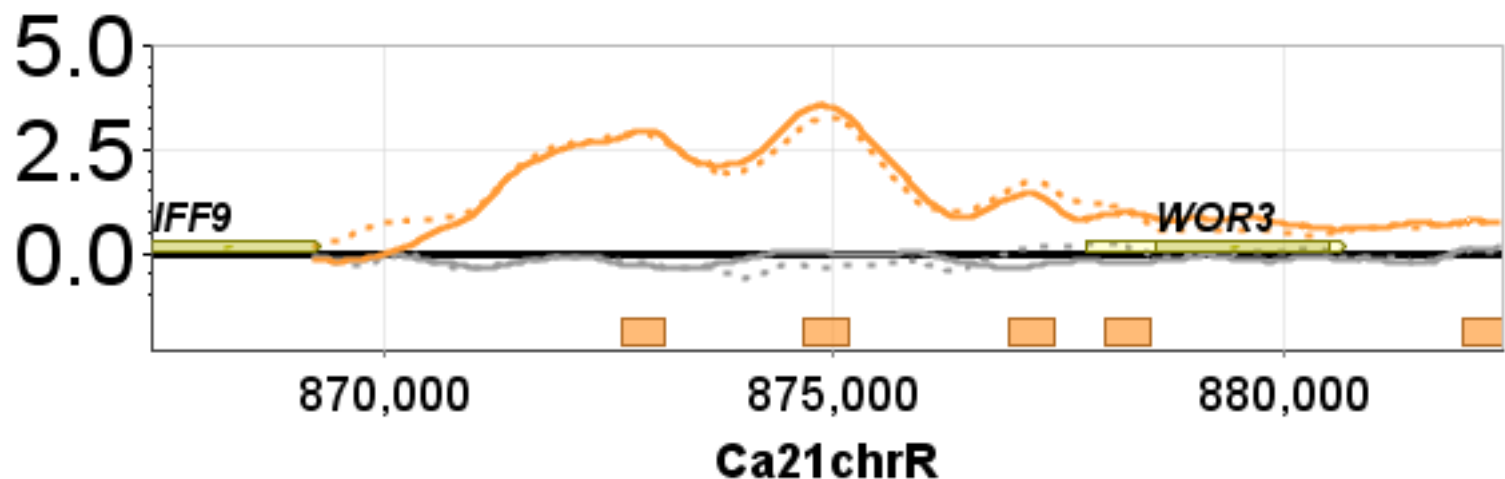
[3.81] Ca21chr1:2219024-2234023 [+] [WOR1, ntar_207, orf19.4883]



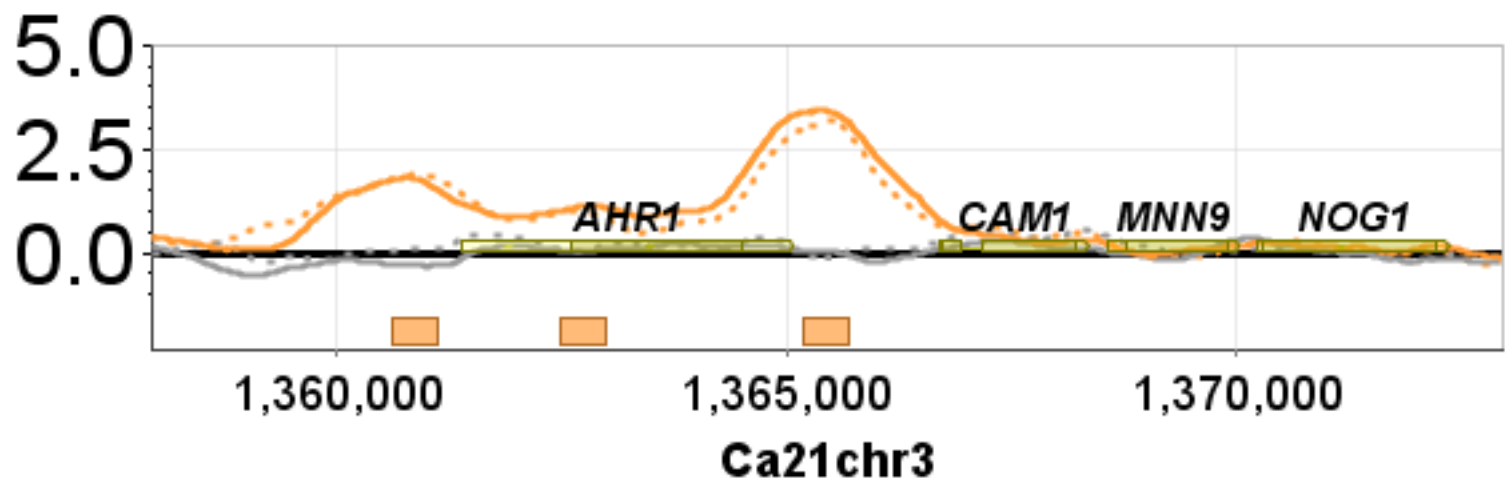
[3.601] Ca21chr3:1717806-1732805 [+] [orf19.6736, TCC1, ntar_685, orf19.6732]



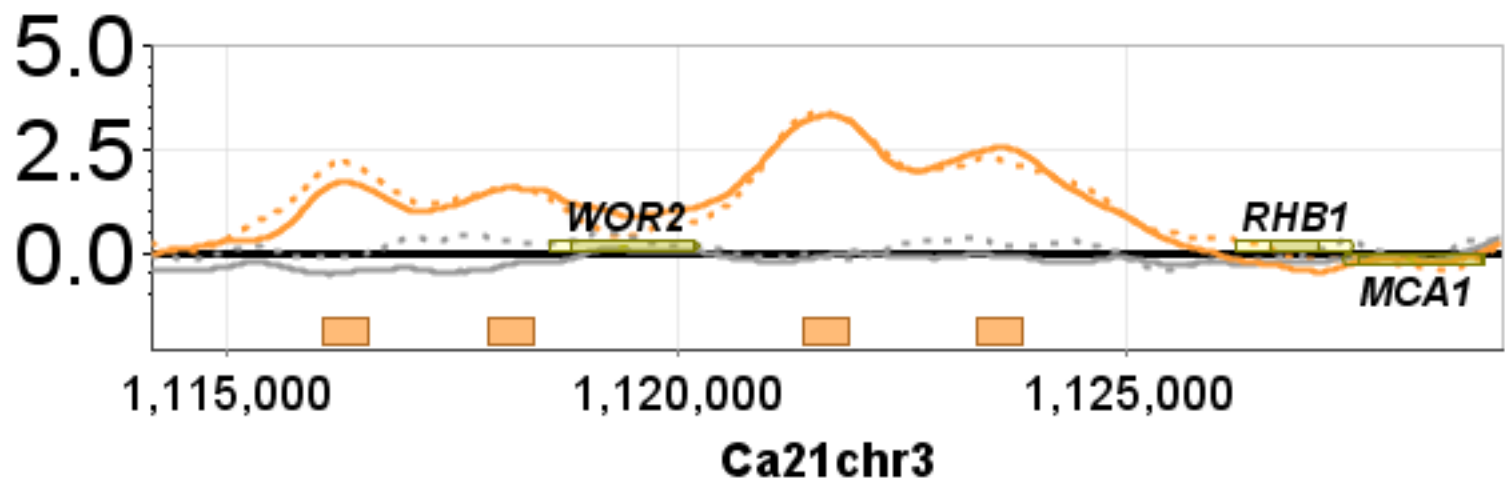
[3.556] Ca21chrR:867414-882413 [+] [orf19.467, IFF9]



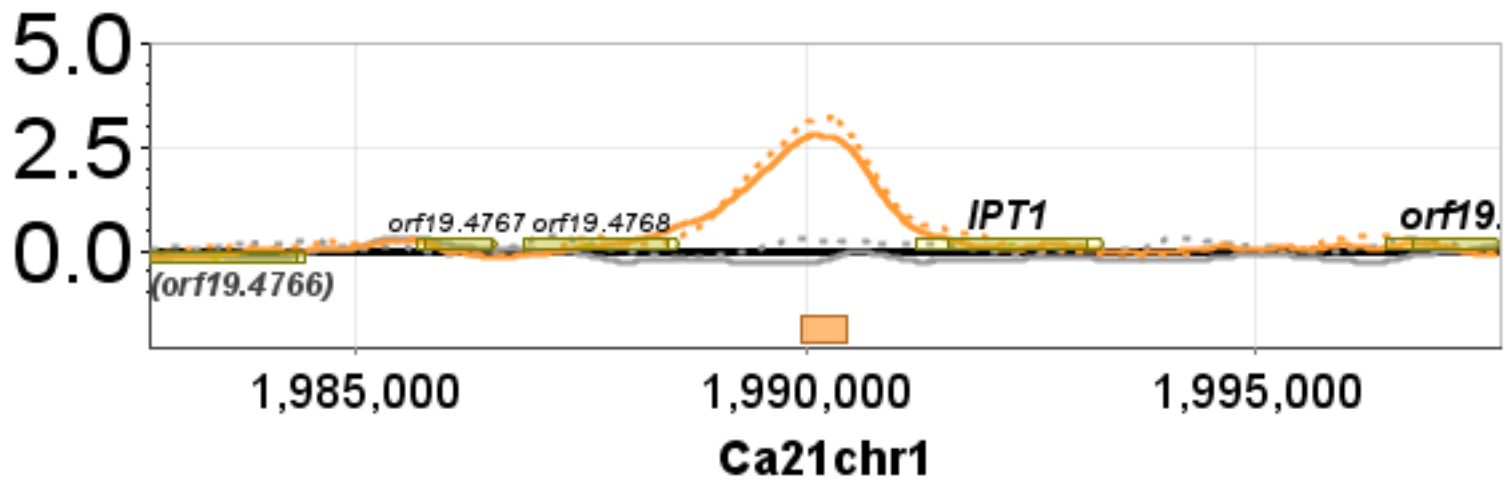
[3.434] Ca21chr3:1357939-1372938 [+] [CAM1, MNN9, orf19.7381, NOG1]



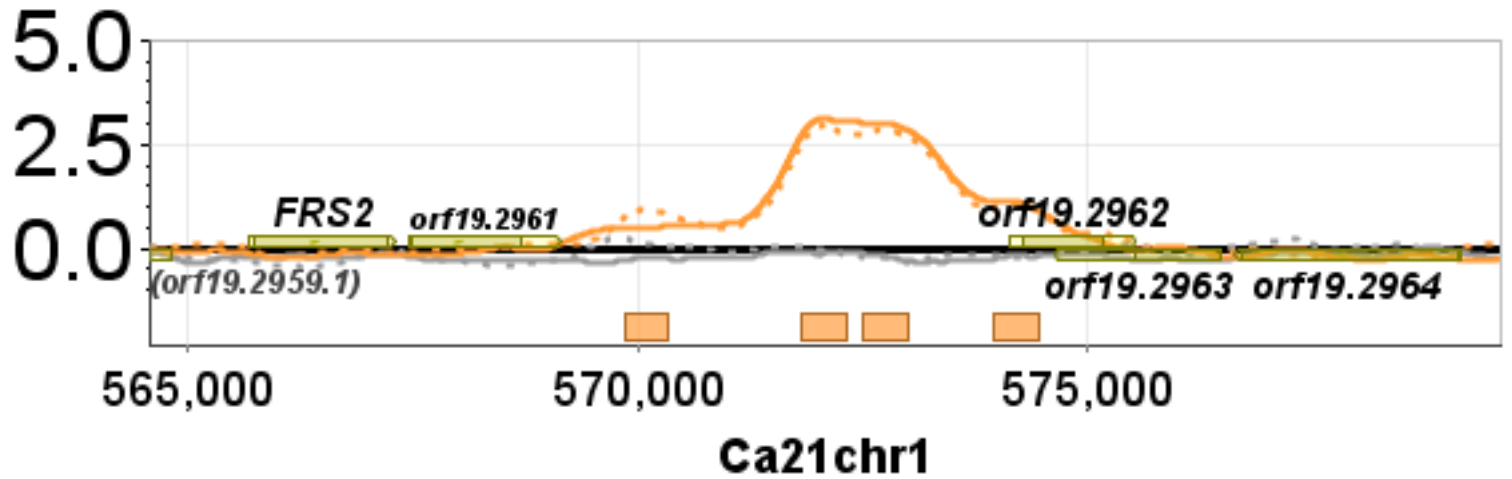
[3.378] Ca21chr3:1114156-1129155 [+] [ntar_614, ntar_615, ntar_616, ntar_617, WOR2]



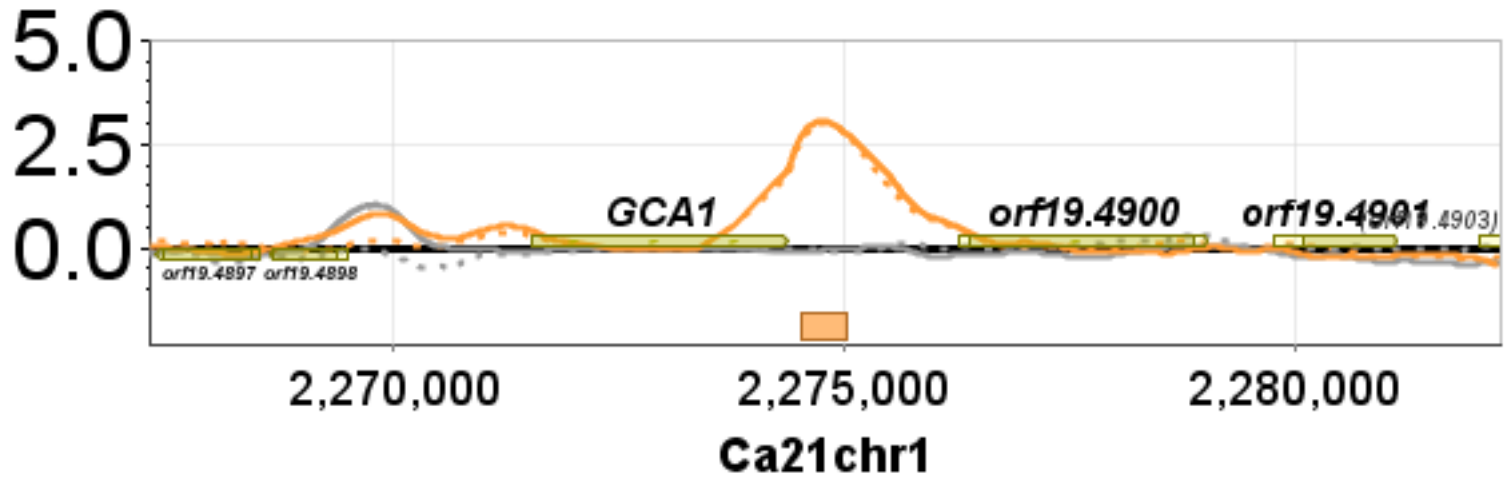
[3.227] Ca21chr1:1982707-1997706 [+] [IPT1, orf19.4768, orf19.4767, ntar_186, orf19.4766]



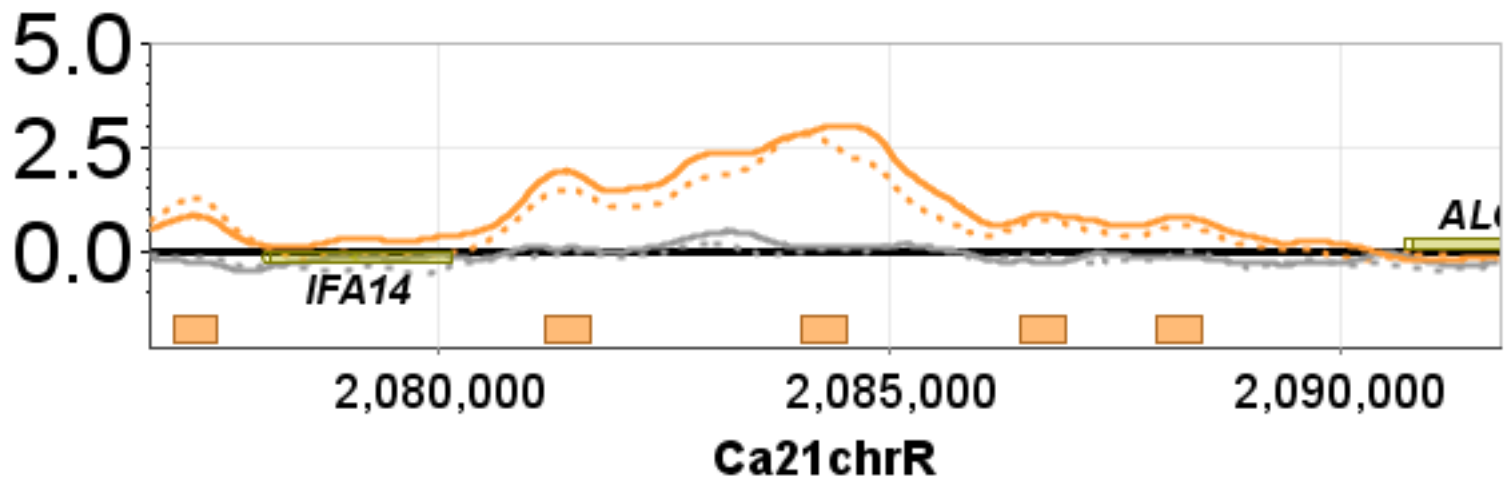
[3.124] Ca21chr1:564570-579569 [+] [orf19.2962, orf19.2963, orf19.2961, FRS2, ntar_60]



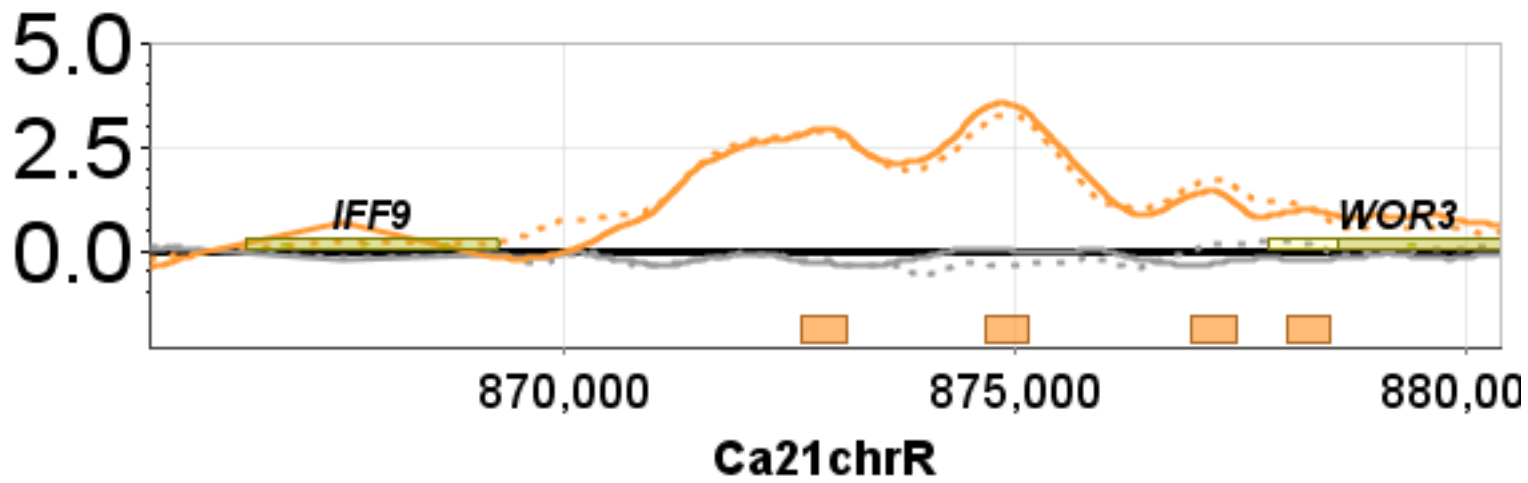
[3.048] Ca21chr1:2267281-2282280 [+] [ntar_209, orf19.4900, GCA1, ntar_210, orf19.4901]



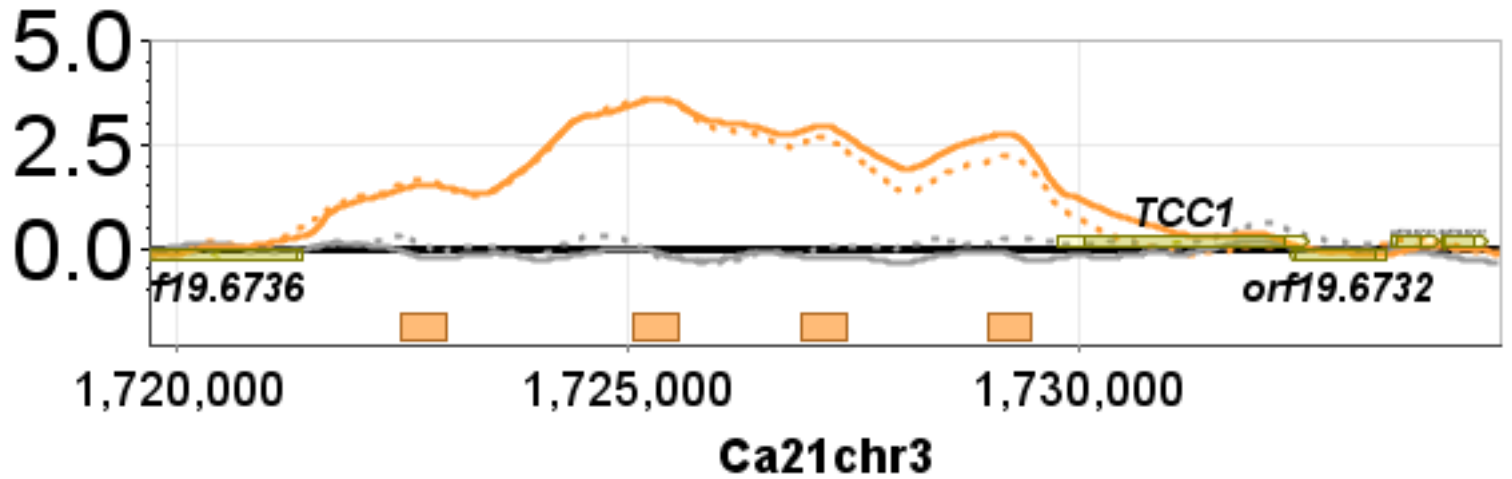
[3.023] Ca21chrR:2076773-2091772 [+] [ntar_1396.5, ntar_1397.1, ntar_1396, ntar_1398, ntar_1395]



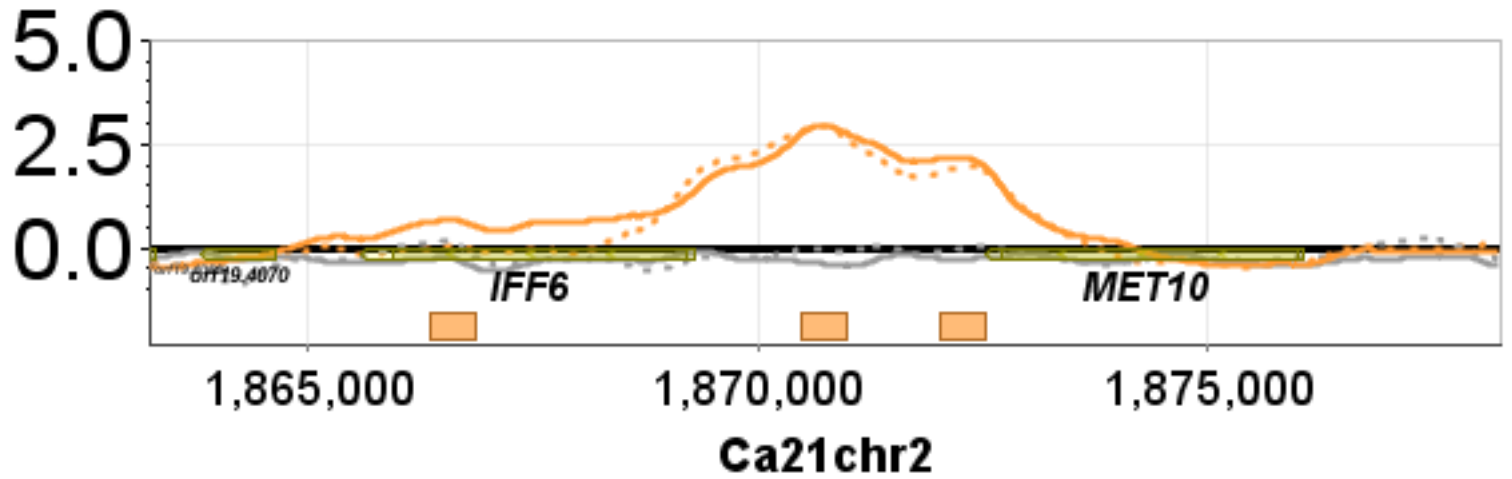
[2.965] Ca21chrR:865385-880384 [+] [orf19.467, IFF9]



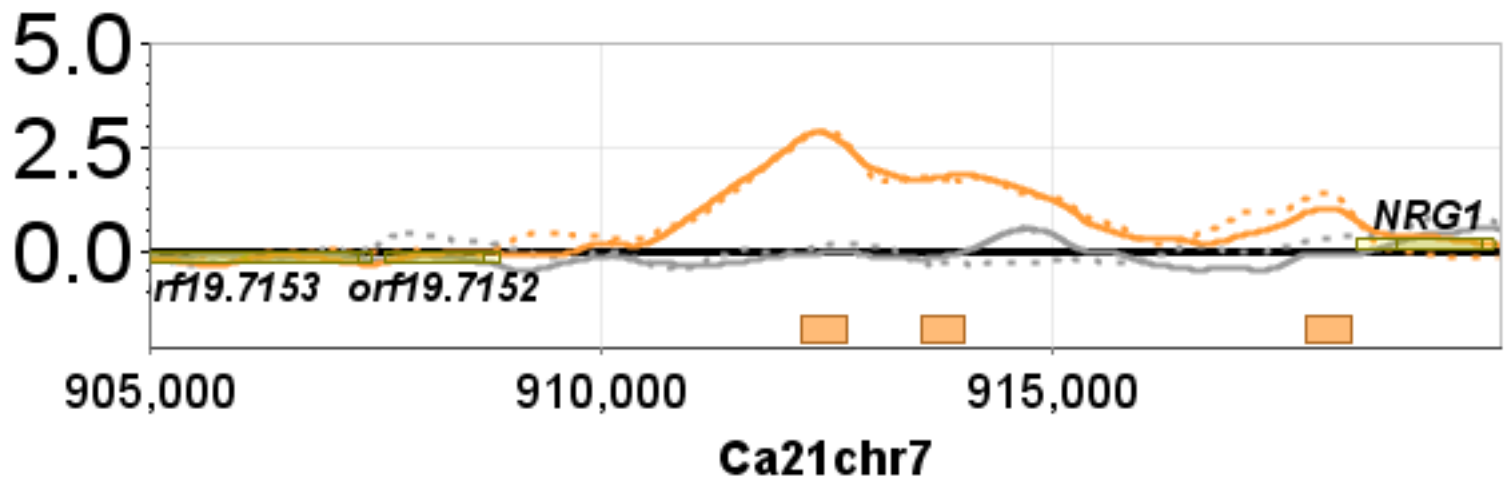
[2.959] Ca21chr3:1719682-1734681 [+] [TCC1, orf19.6736, orf19.6732, orf19.6731.1, orf19.6731]



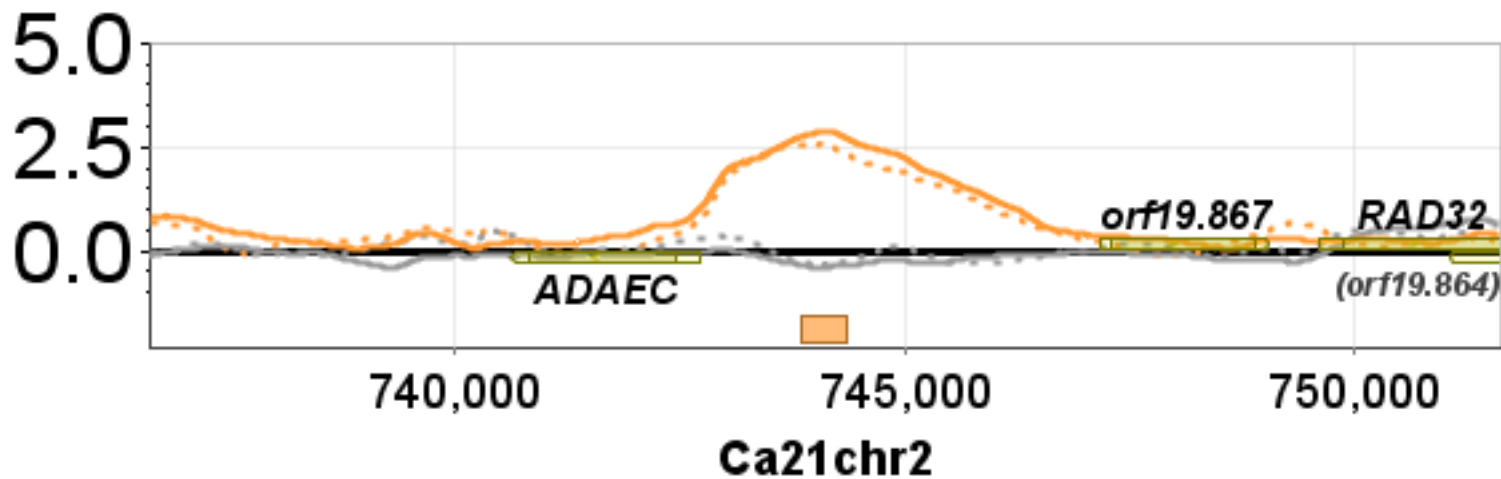
[2.939] Ca21chr2:1863232-1878231 [+] [ntar_470, IFF6, ntar_471, MET10, ntar_469]



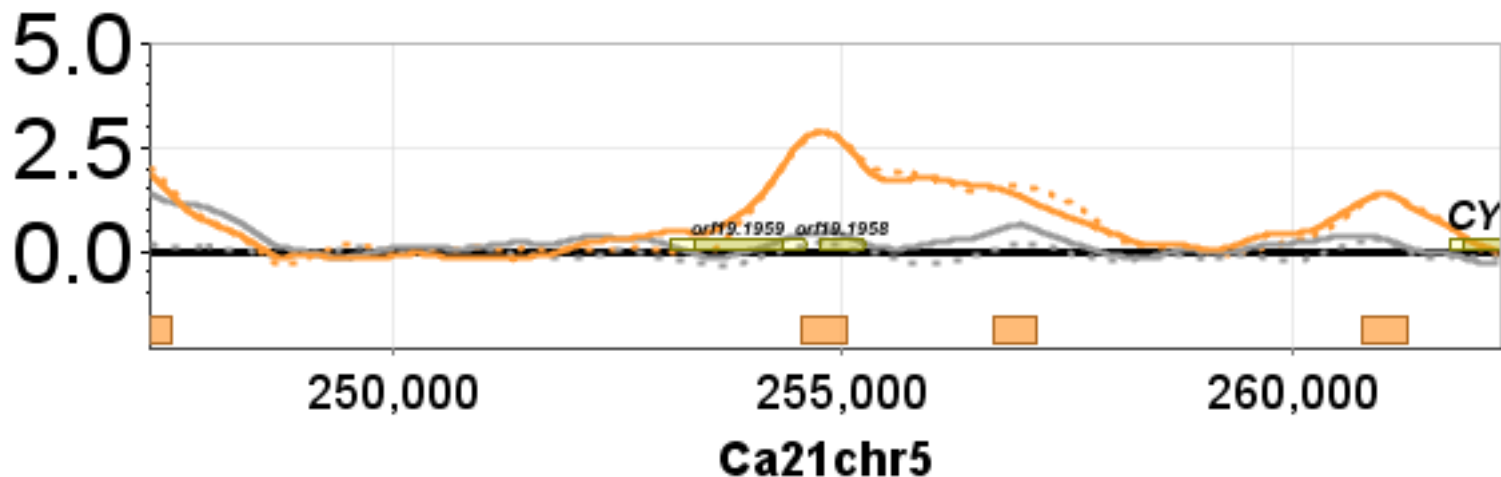
[2.901] Ca21chr7:904979-919978 [+] [ntar_1151, ntar_1152, orf19.7151, ntar_1153, orf19.7152]



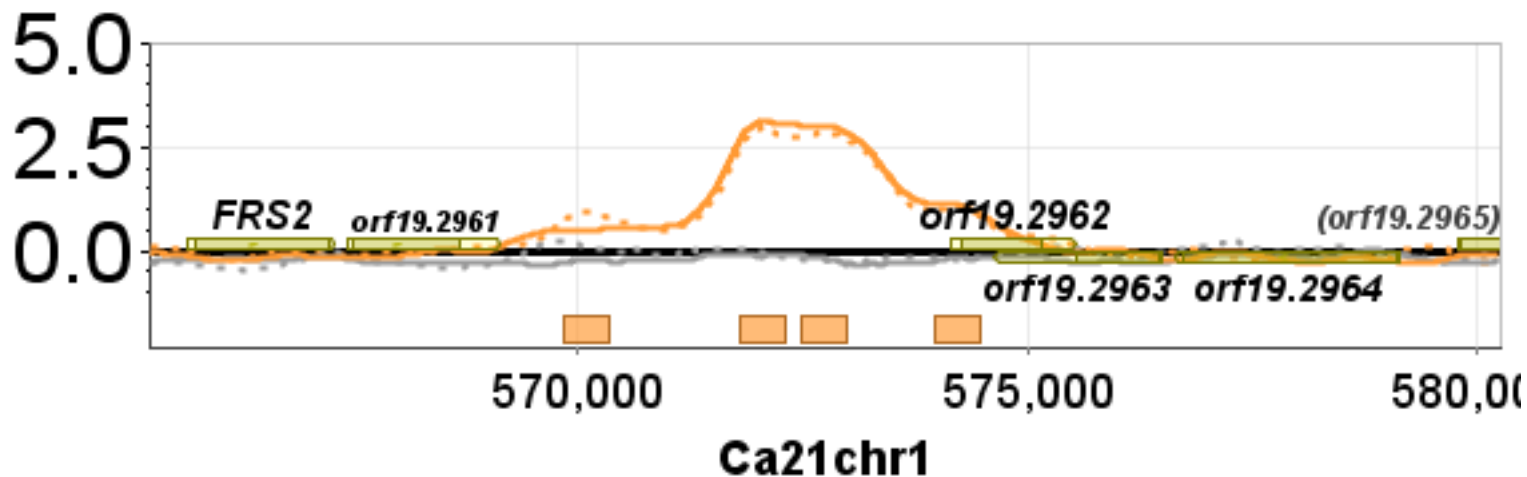
[2.889] Ca21chr2:736606-751605 [+] [ADAEC, orf19.867, ntar_354, RAD32, orf19.864]



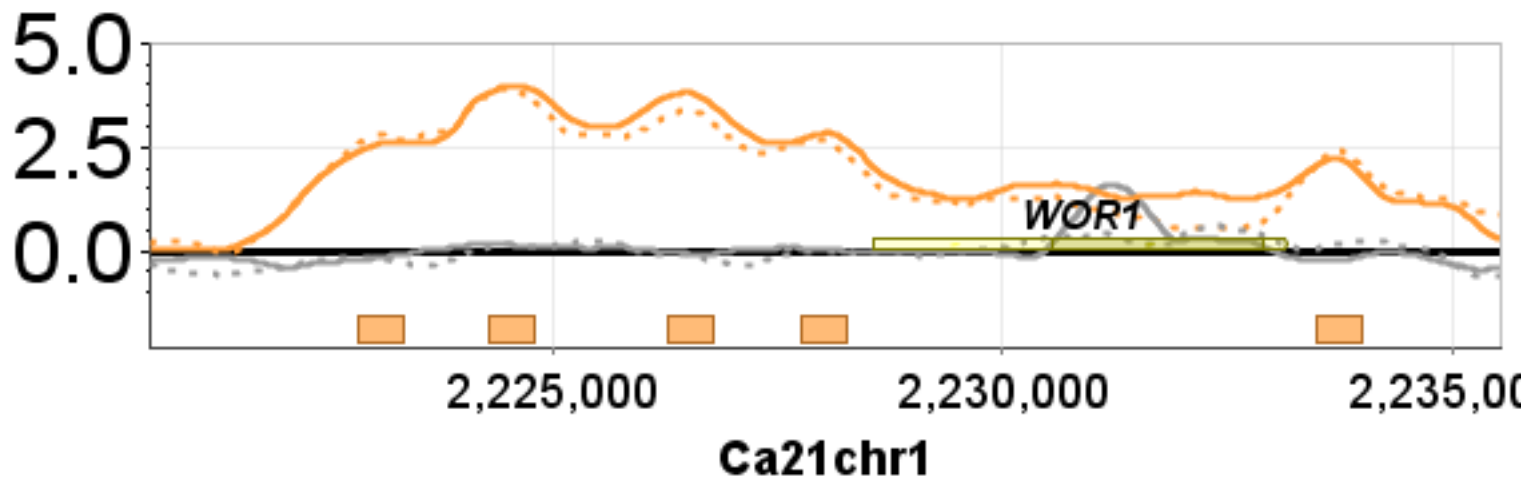
[2.871] Ca21chr5:247294-262293 [+] [orf19.1958, orf19.1959, ntar_866, ntar_867, ntar_864]



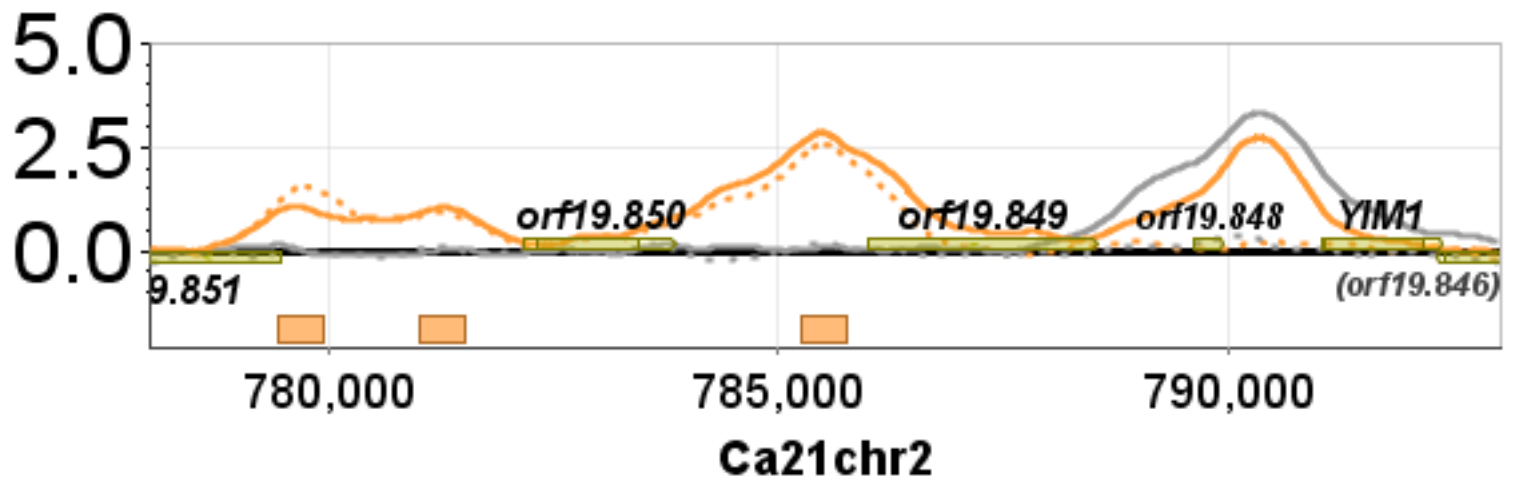
[2.852] Ca21chr1:565239-580238 [+] [orf19.2962, orf19.2963, orf19.2961, orf19.2964, orf19.2965]



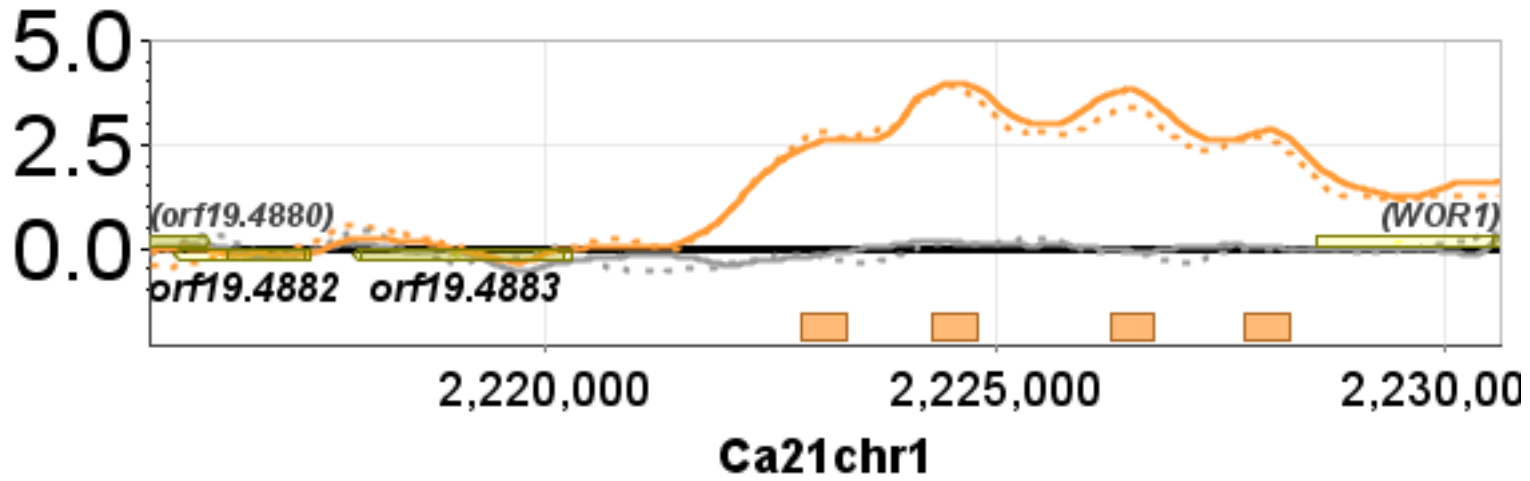
[2.847] Ca21chr1:2220515-2235514 [+] [WOR1, ntar_207]



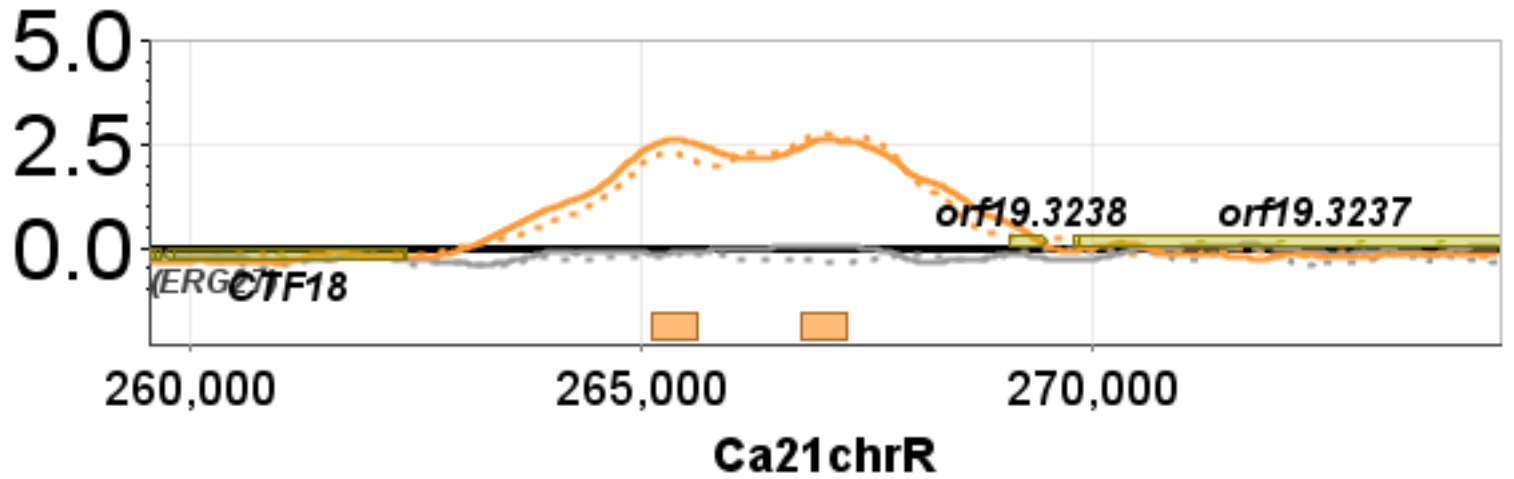
[2.845] Ca21chr2:778006-793005 [+] [orf19.849, orf19.850, orf19.848, tr(ucu)2, tf(gaa)2]



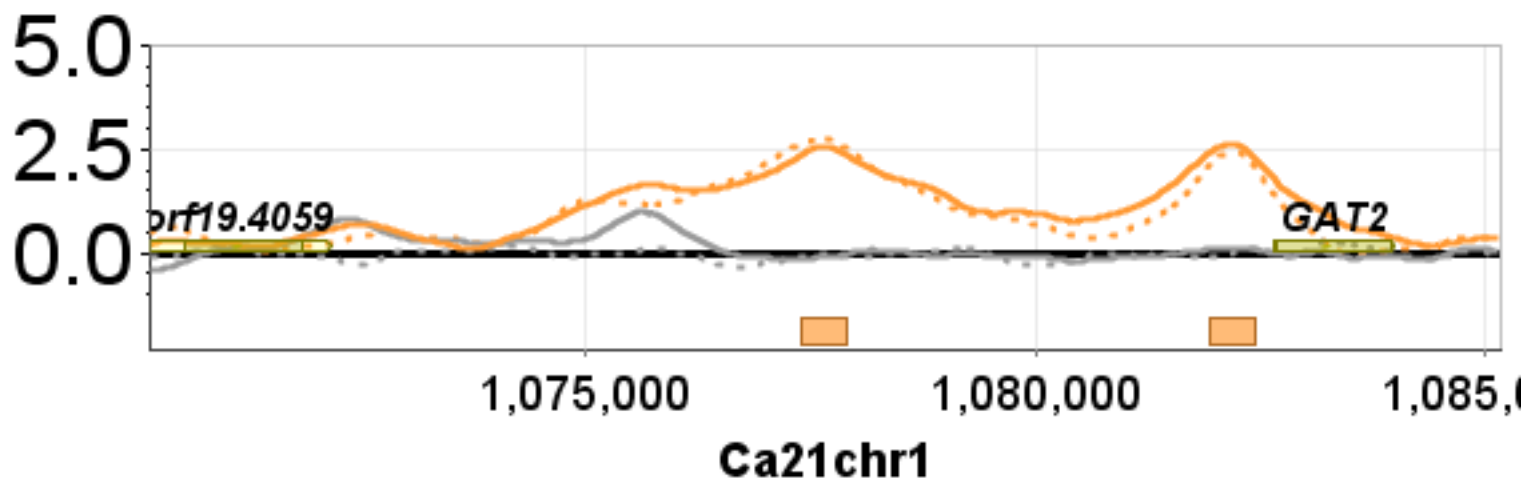
[2.777] Ca21chr1:2215600-2230599 [+] [ntar_207, orf19.4883, WOR1, ntar_206, orf19.4882]



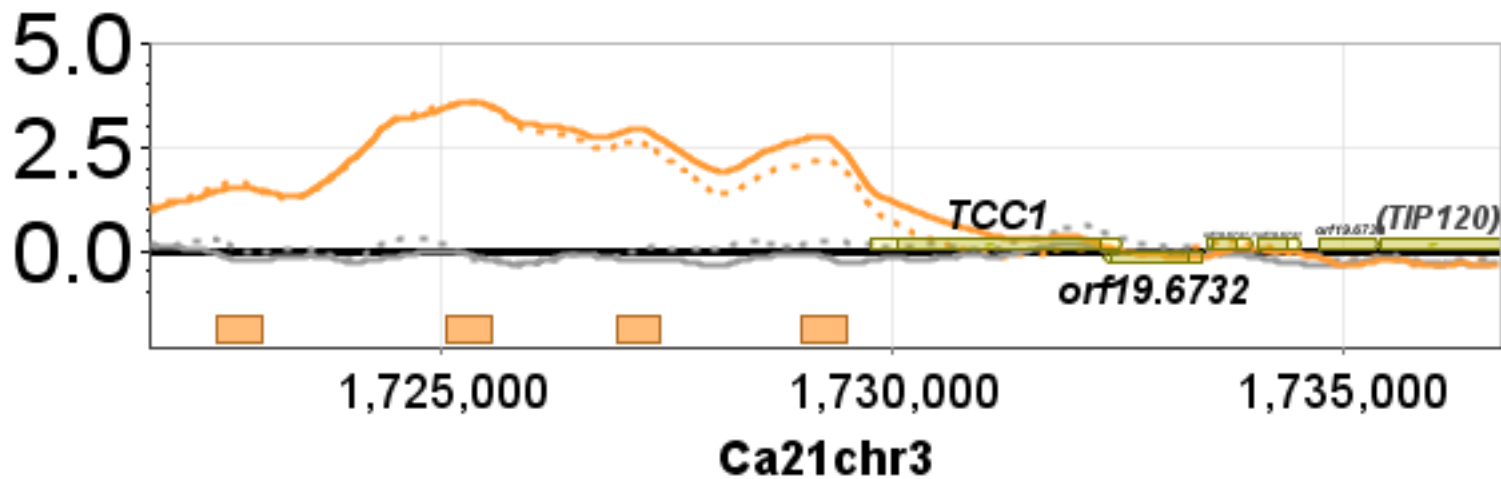
[2.767] Ca21chrR:259535-274534 [+] [ntar_1179.1, ntar_1179.2, ntar_1178, ntar_1180, ntar_1179.3]



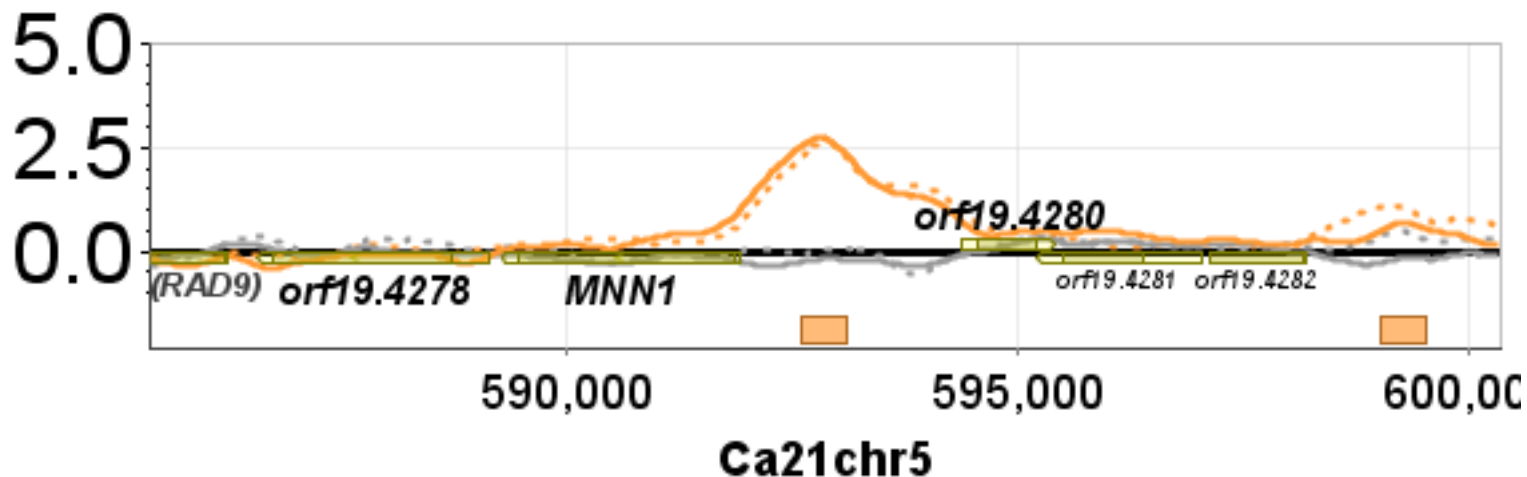
[2.754] Ca21chr1:1070156-1085155 [+] [GAT2, orf19.4057, orf19.4059, orf19.450]



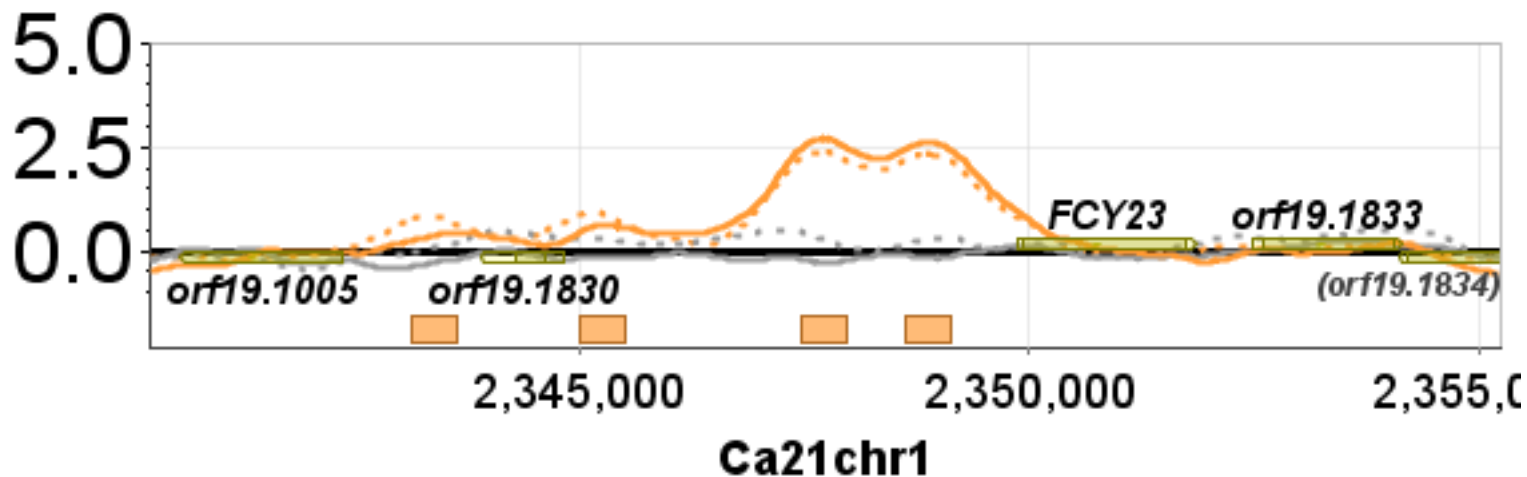
[2.732] Ca21chr3:1721742-1736741 [+] [TCC1, orf19.6732, orf19.6731.1, orf19.6731, ntar_686]



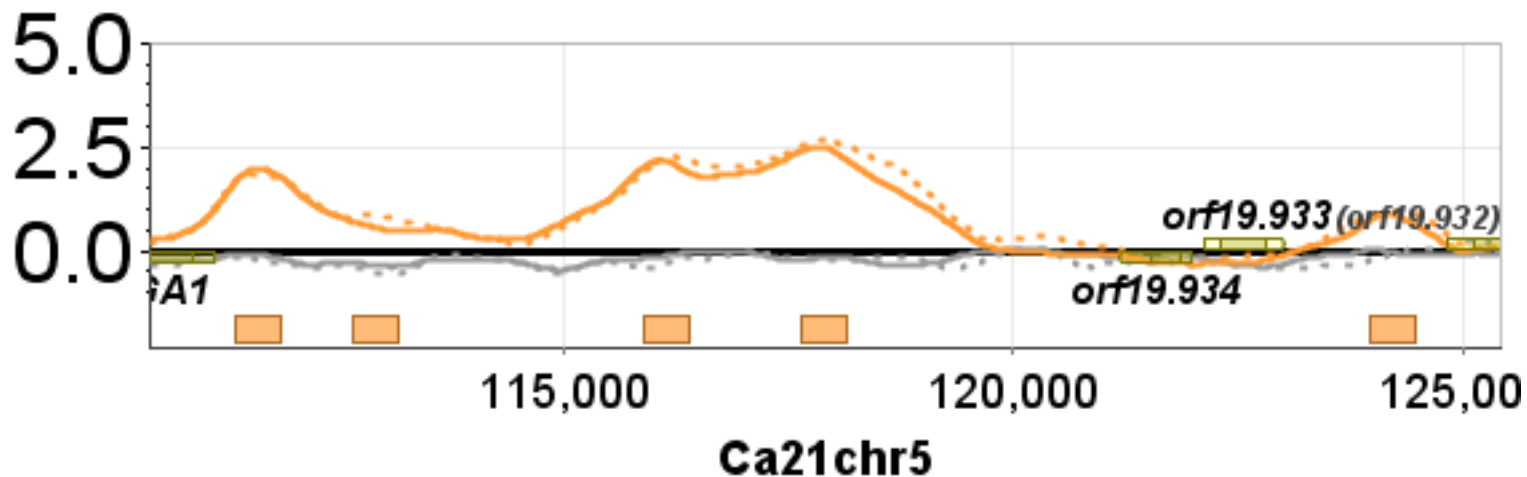
[2.726] Ca21chr5:585349-600348 [+] [MNN1, orf19.4280, orf19.4278, orf19.4281, orf19.4282]



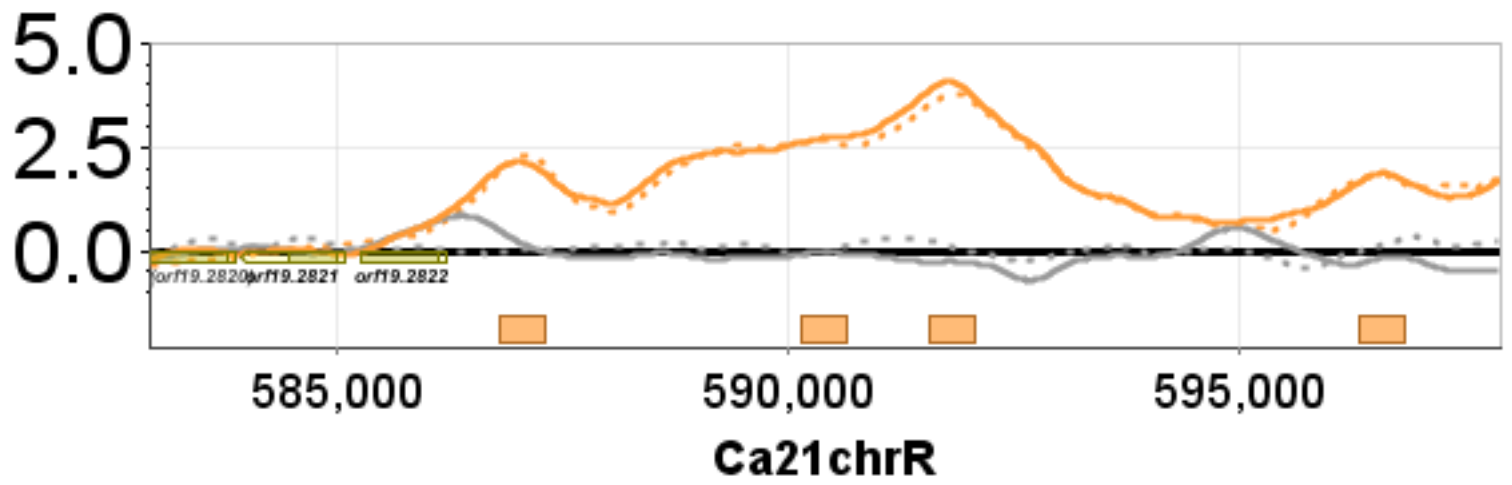
[2.714] Ca21chr1:2340226-2355225 [+] [ntar_222, ntar_221, orf19.1831, FCY23, ntar_220]



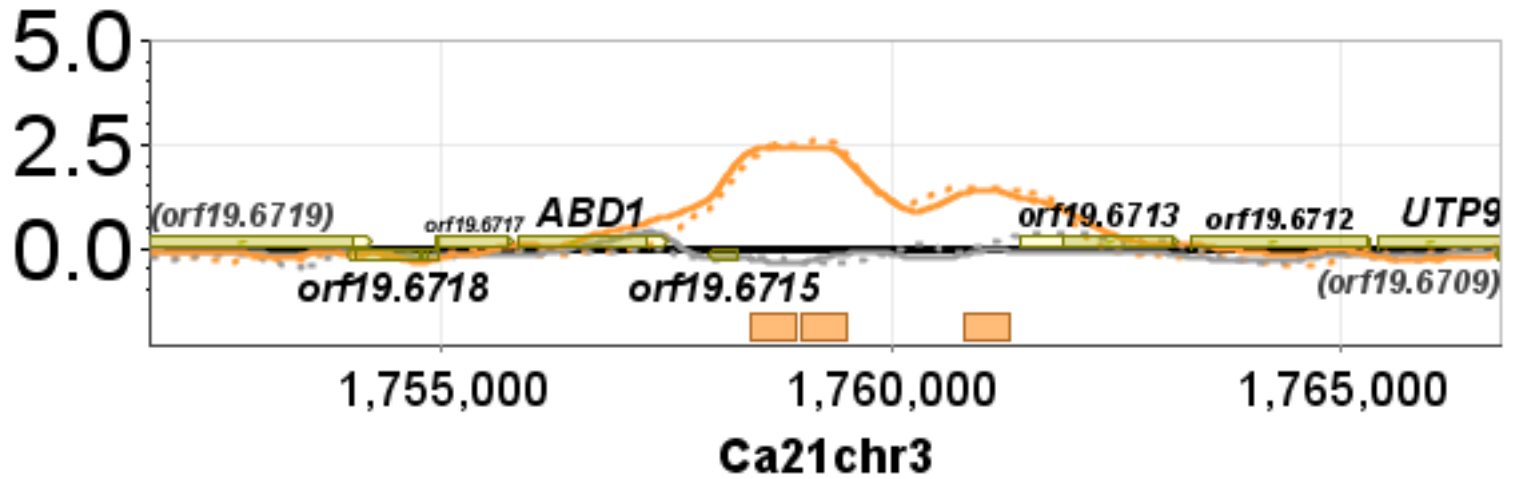
[2.66] Ca21chr5:110396-125395 [+] [orf19.934, orf19.933, ntar_855, AGA1, orf19.932]



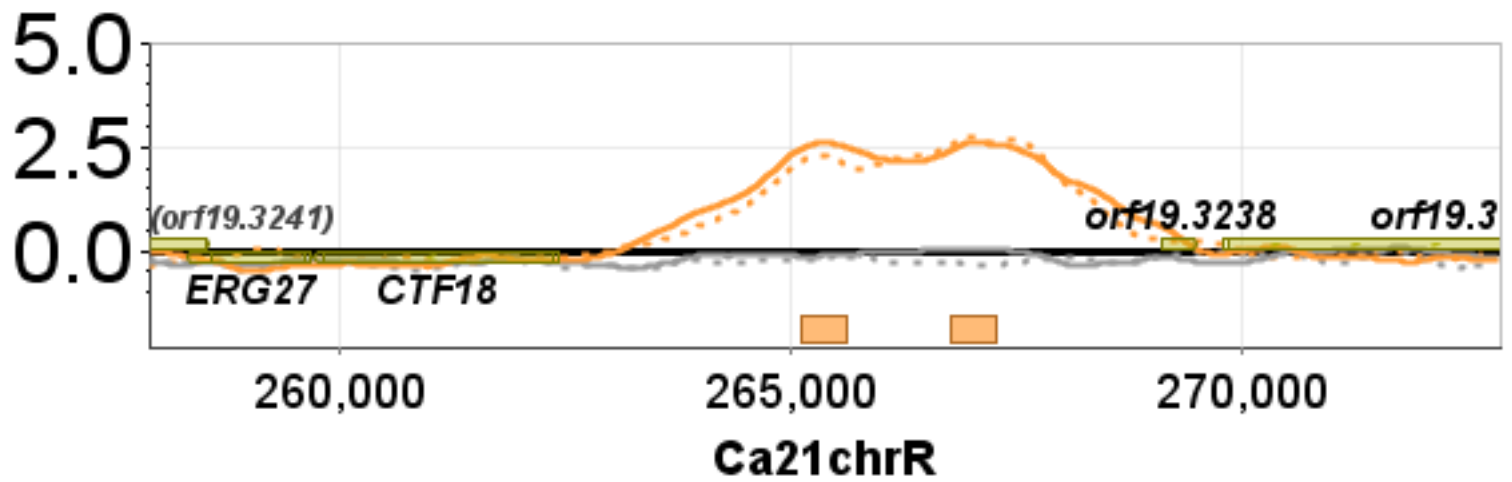
[2.66] Ca21chrR:582900-597899 [+] [orf19.2822, orf19.2821, orf19.2820]



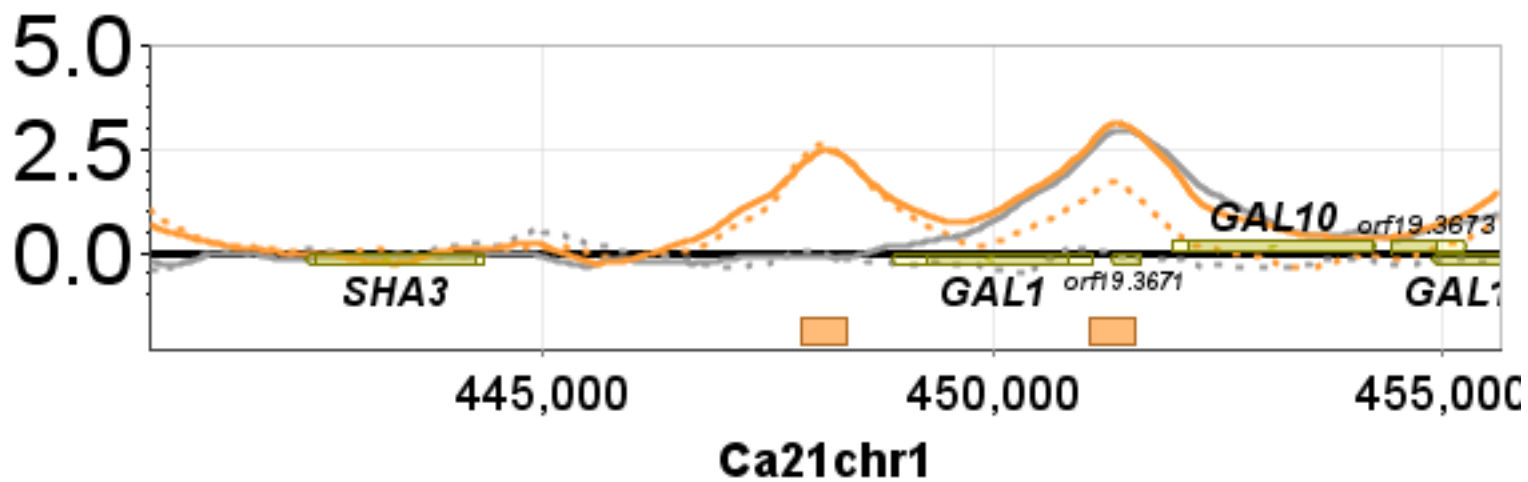
[2.622] Ca21chr3:1751754-1766753 [+] [orf19.6715, ntar_688, orf19.6713, ABD1, orf19.6712]



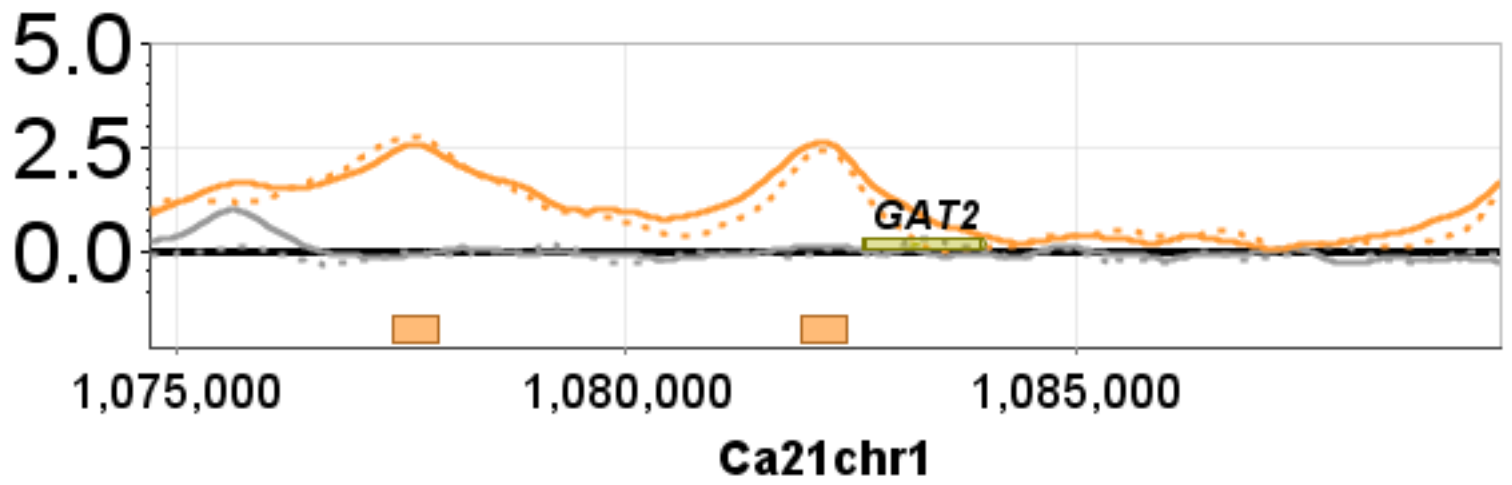
[2.61] Ca21chrR:257867-272866 [+] [ntar_1177, ntar_1176, ntar_1178, ntar_1175.5, ntar_1179.1]



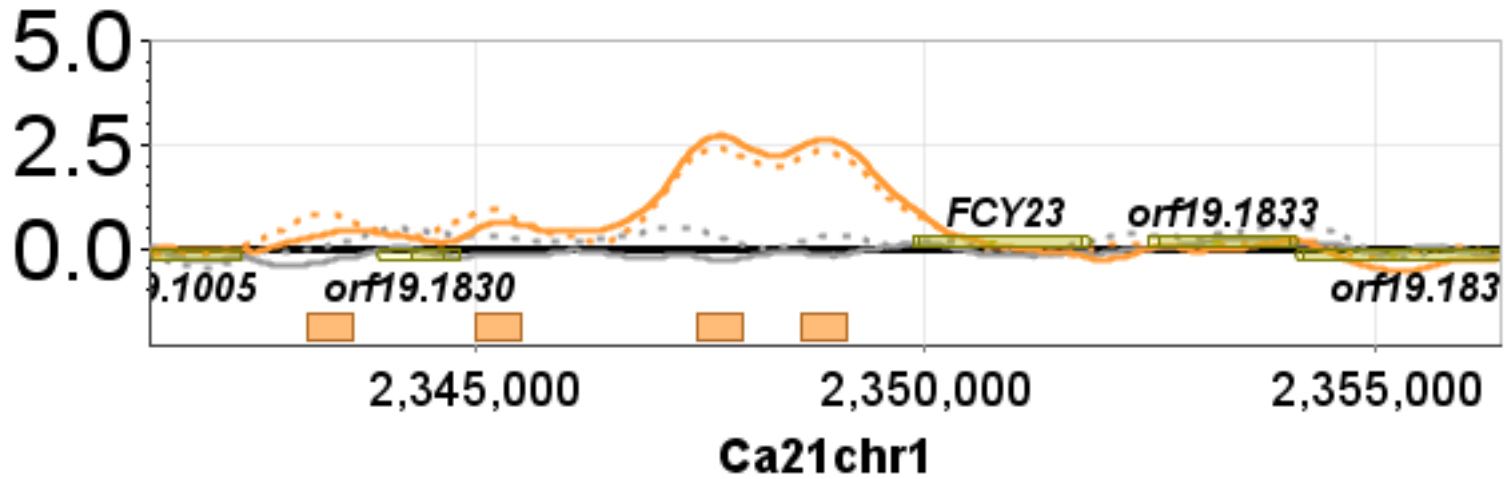
[2.605] Ca21chr1:440627-455626 [+] [ntar_43, ntar_42, GAL1, orf19.3671, SHA3]



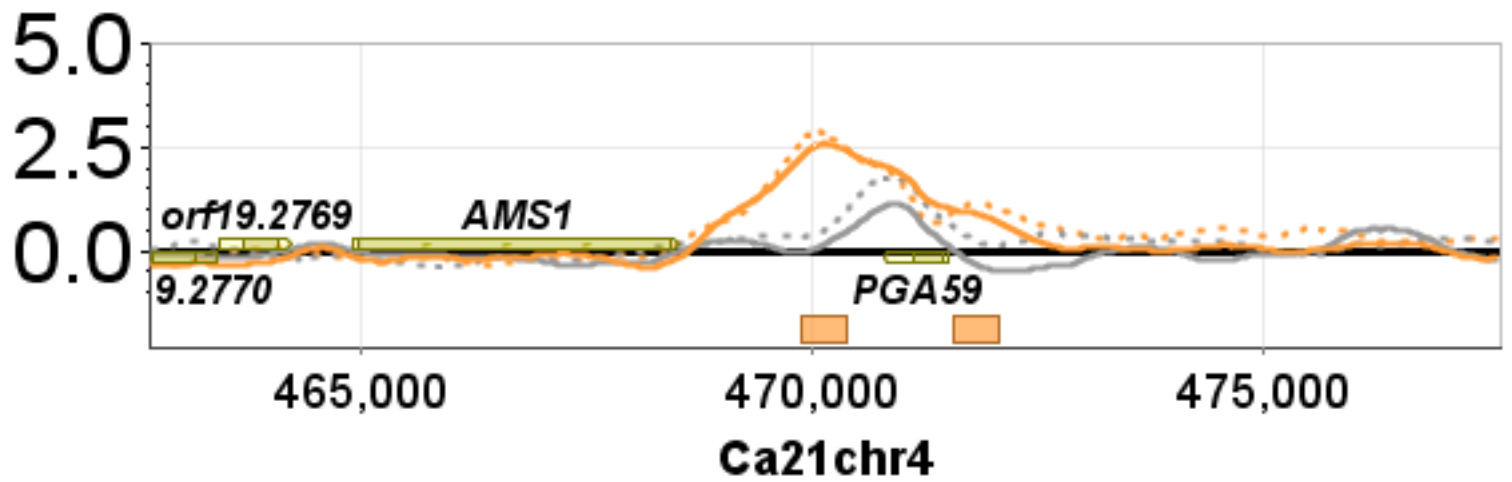
[2.604] Ca21chr1:1074704-1089703 [+] [GAT2, orf19.450, ntar_104]



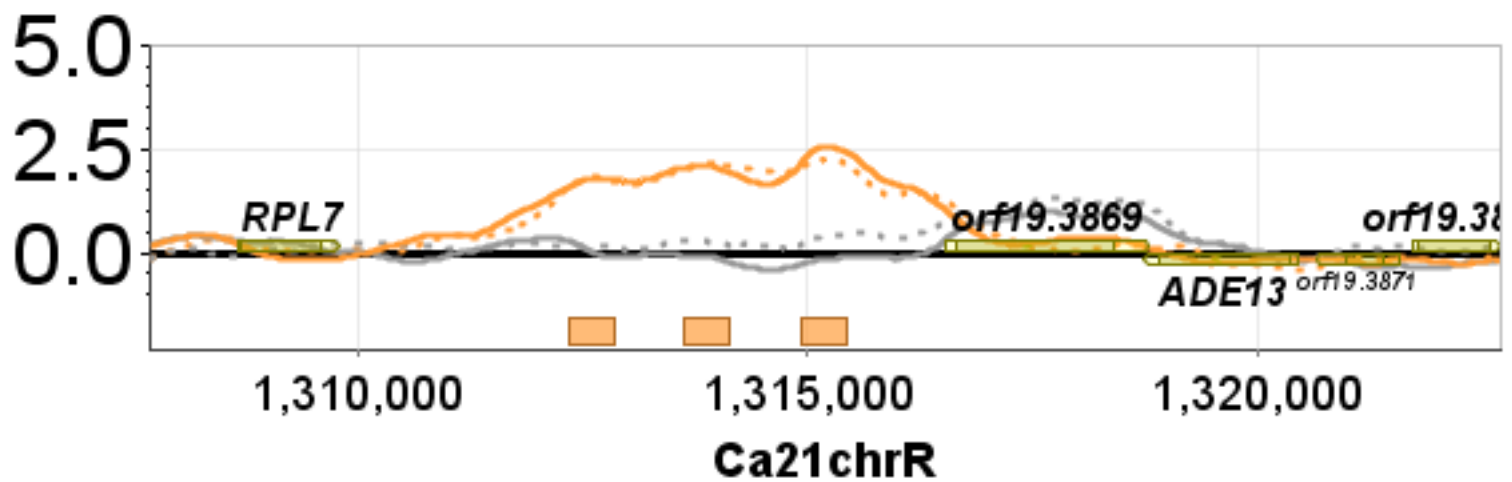
[2.602] Ca21chr1:2341378-2356377 [+] [orf19.1831, ntar_222, FCY23, ntar_221, ntar_223]



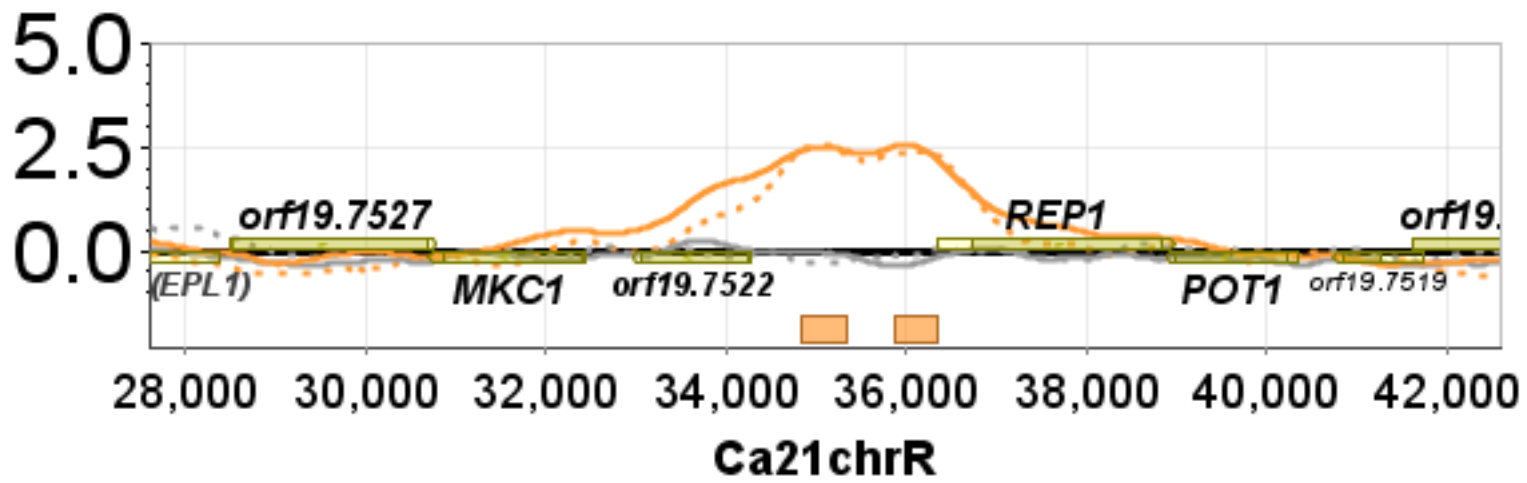
[2.588] Ca21chr4:462632-477631 [+] [PGA59, ntar_757, ntar_756, ntar_755, ntar_758]



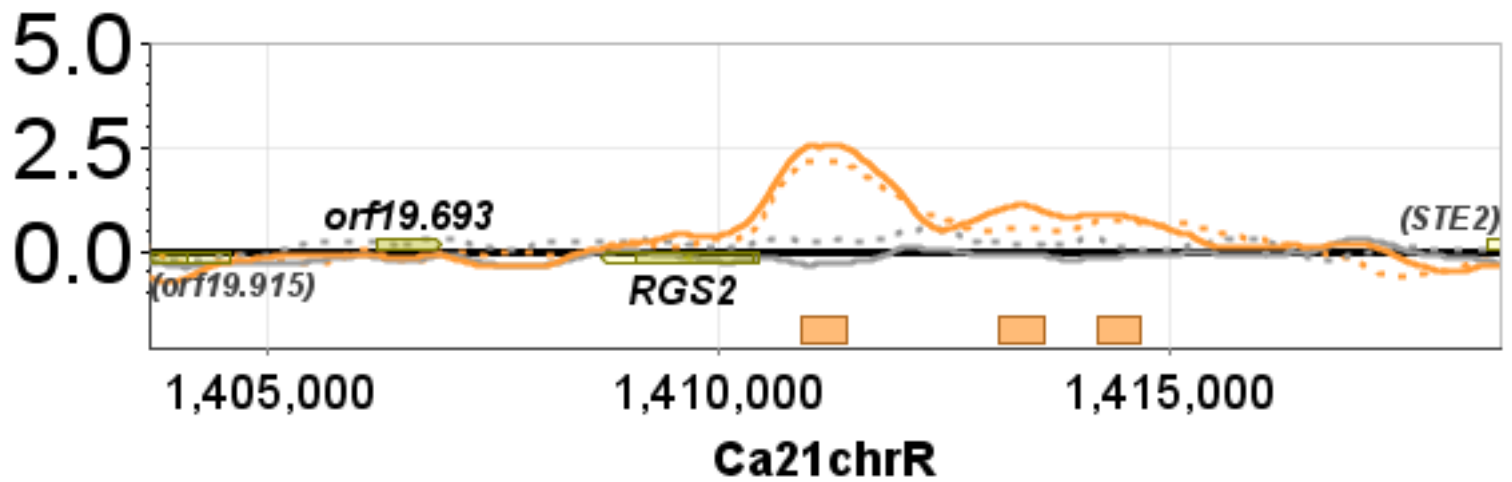
[2.565] Ca21chrR:1307687-1322686 [+] [orf19.3868, orf19.3869, ntar_1302, ntar_1301, ntar_1300]



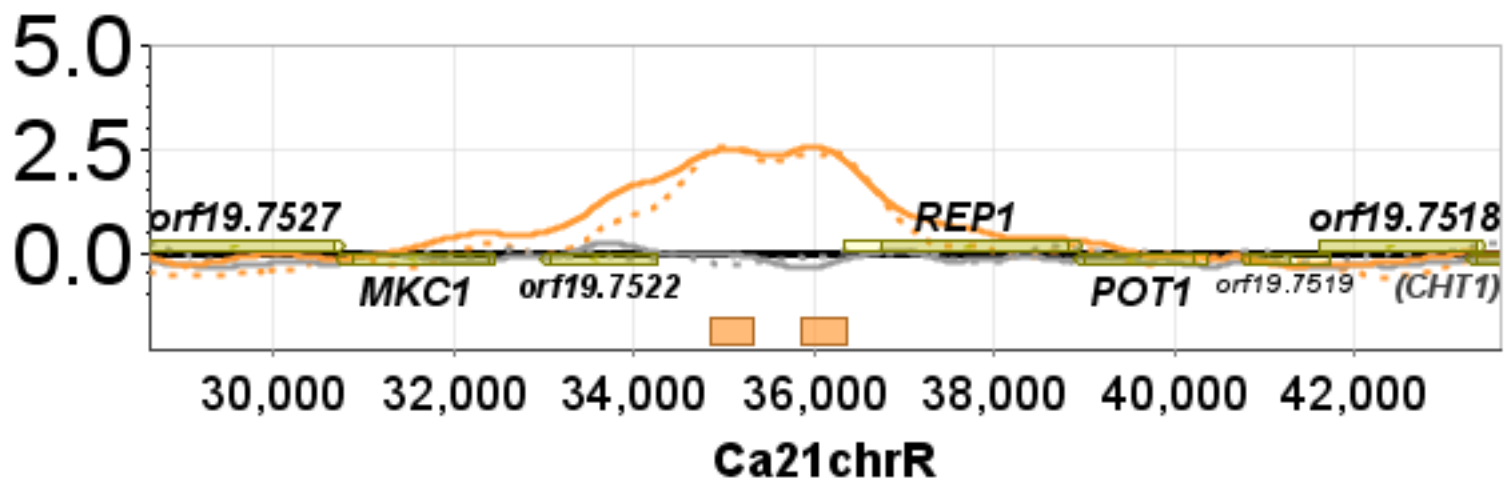
[2.556] Ca21chrR:27592-42591 [+] [orf19.7522, REP1, MKC1, POT1, orf19.7518]



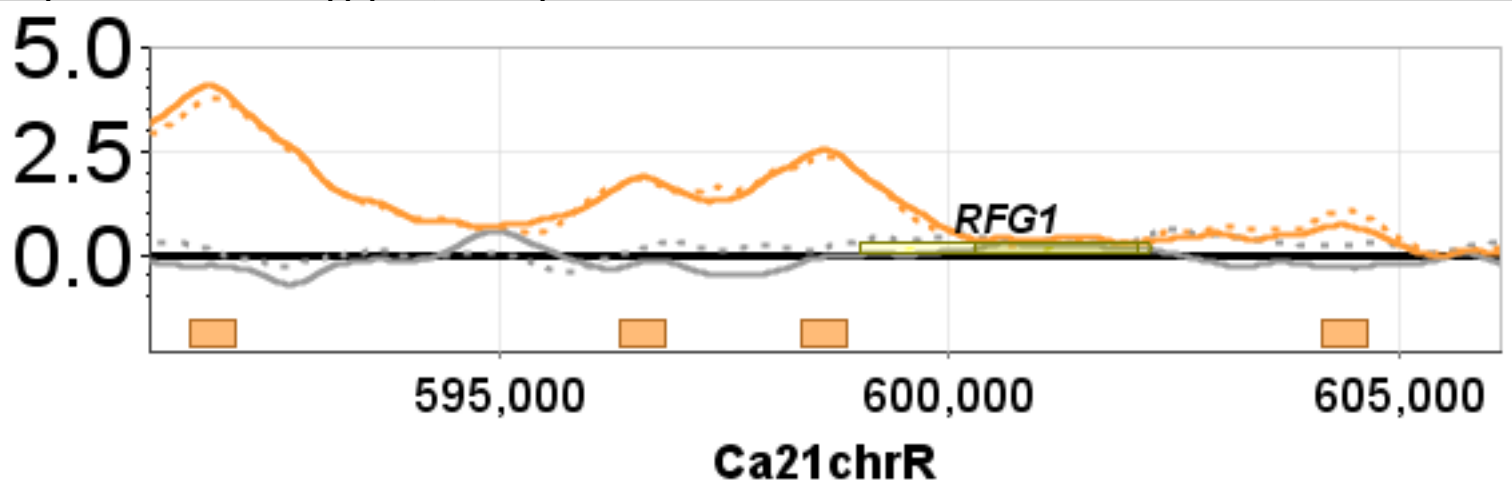
[2.554] Ca21chrR:1403673-1418672 [+] [ntar_1310, RGS2, ntar_1311, ntar_1312, ntar_1314]



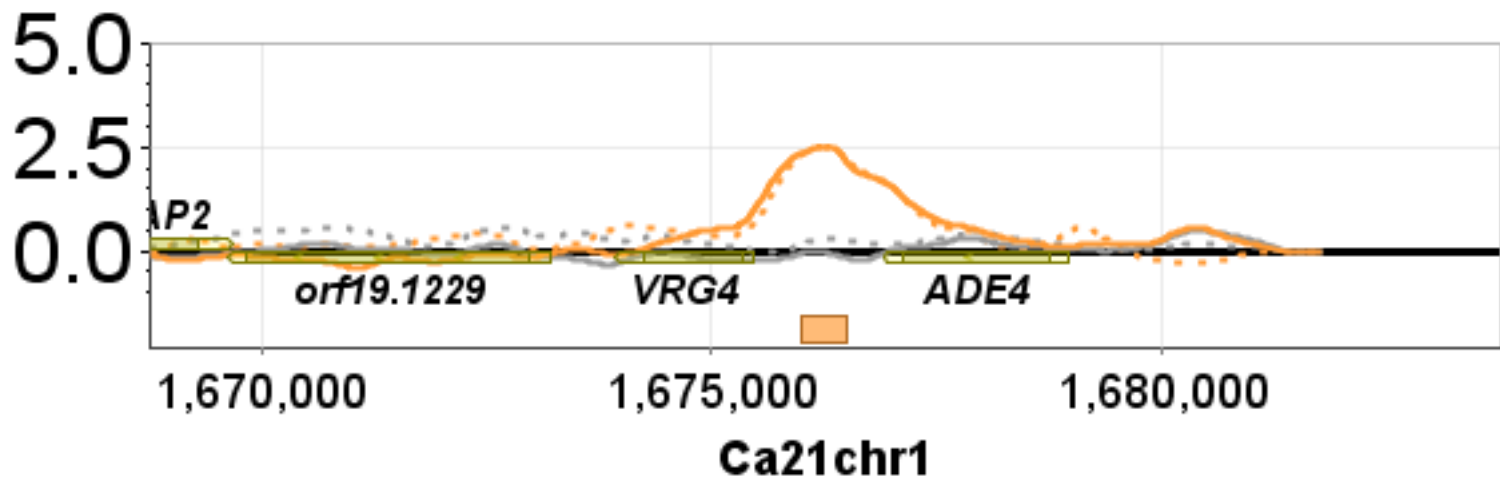
[2.546] Ca21chrR:28615-43614 [+] [REP1, orf19.7522, MKC1, POT1, orf19.7518]



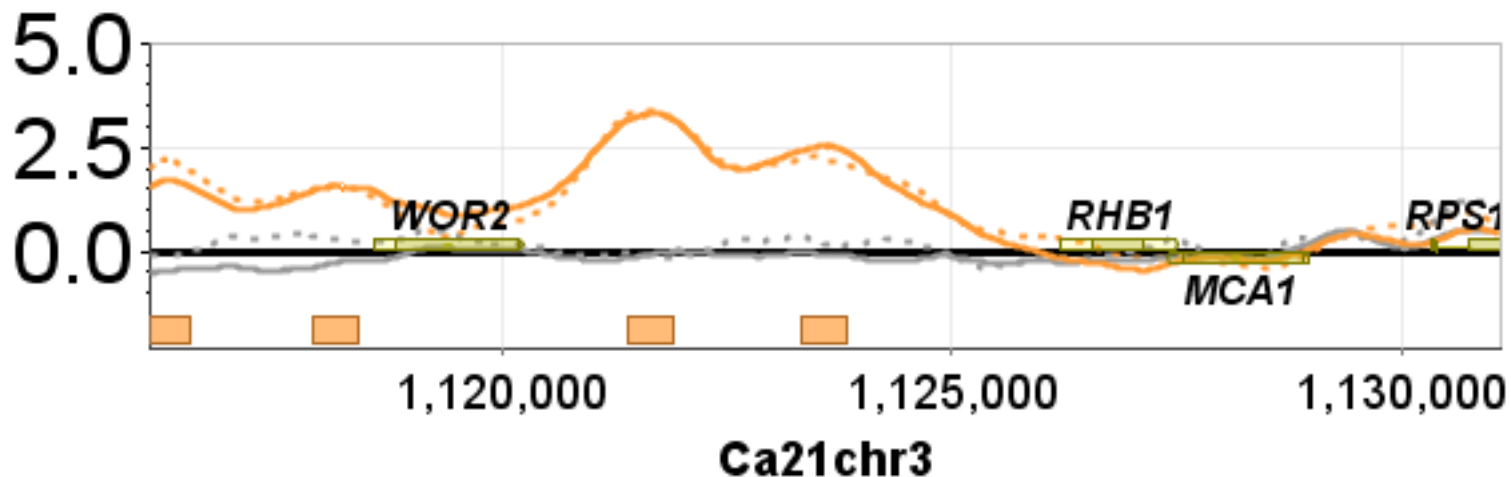
[2.541] Ca21chrR:591113-606112 [+] [RFG1, ntar_1219]



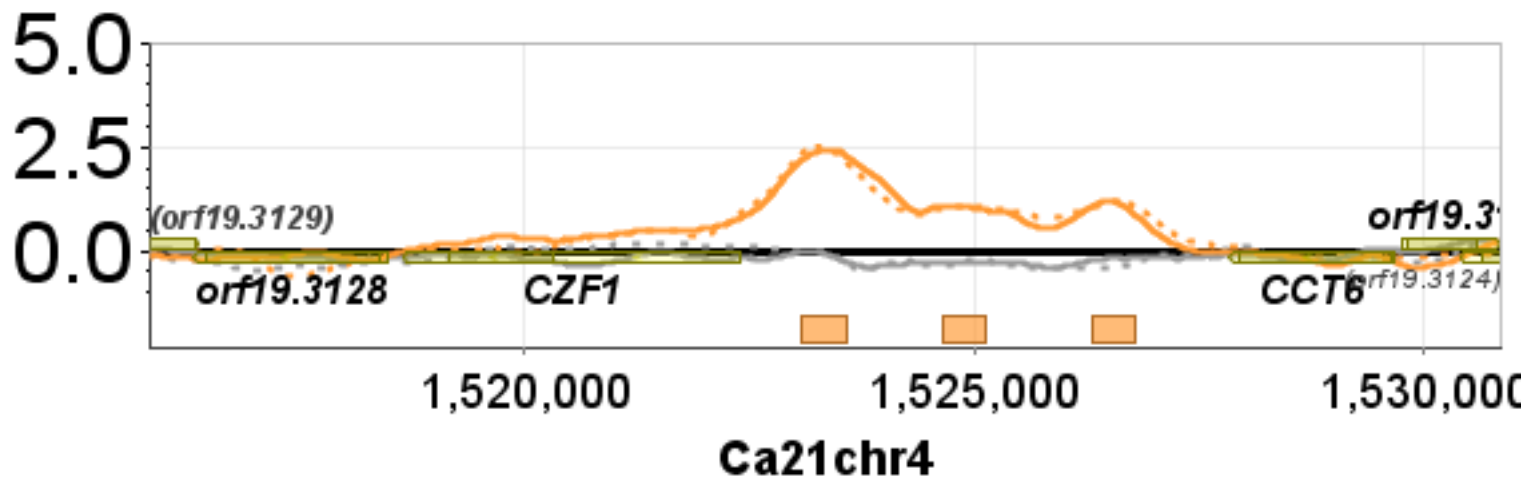
[2.54] Ca21chr1:1668749-1683748 [+] [VRG4, ADE4, ntar_155, orf19.1229, ntar_156]



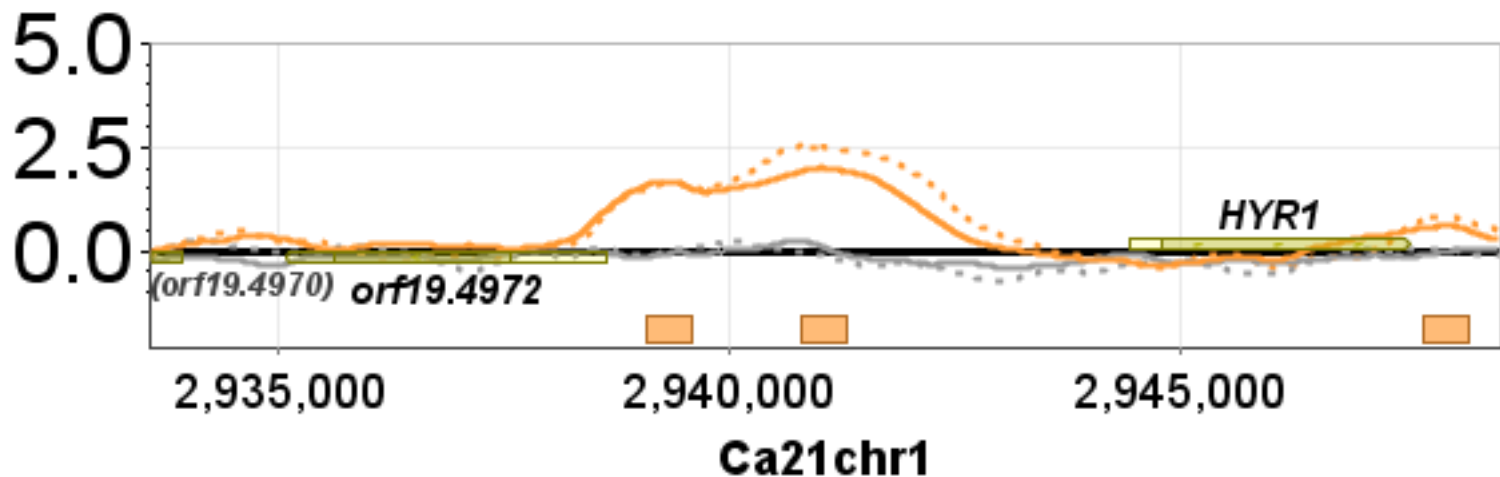
[2.533] Ca21chr3:1116085-1131084 [+] [ntar_617, ntar_616, ntar_615, ntar_614, ntar_618]



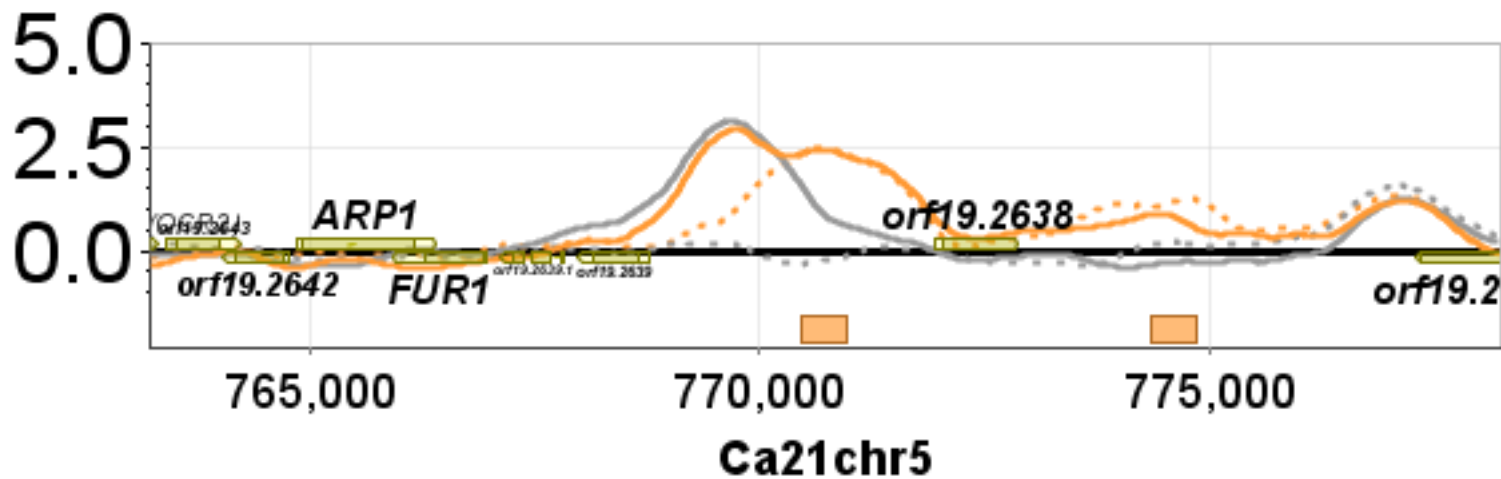
[2.52] Ca21chr4:1515831-1530830 [+] [CZF1, orf19.3128, CCT6, orf19.3125, orf19.3129]



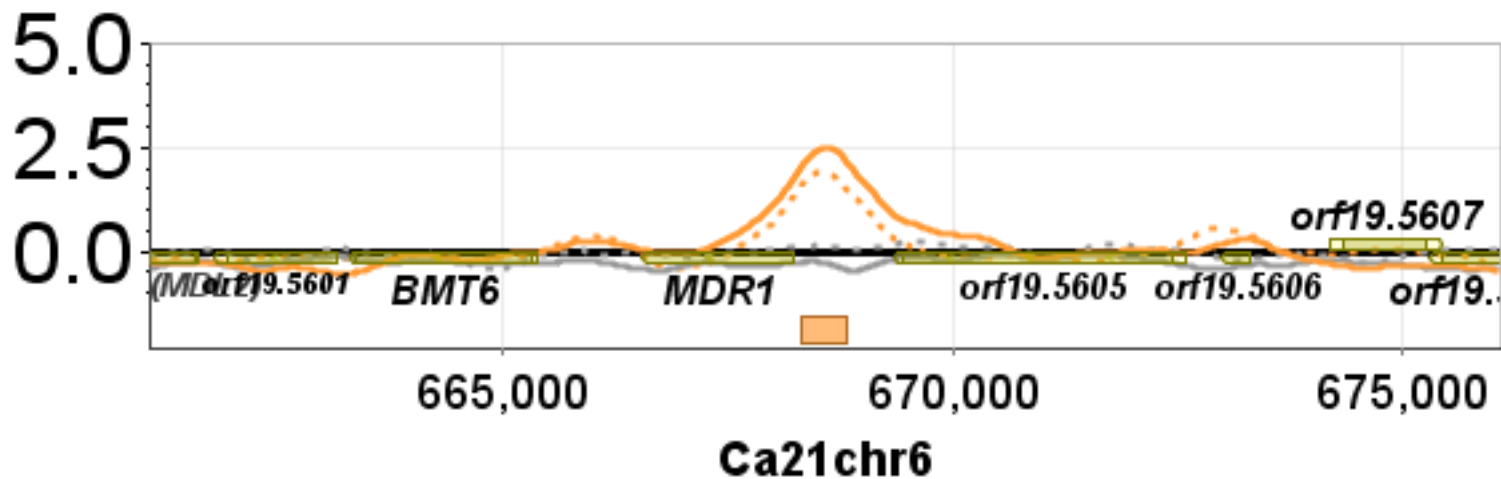
[2.518] Ca21chr1:2933554-2948553 [+] [orf19.4972, HYR1, orf19.4970]



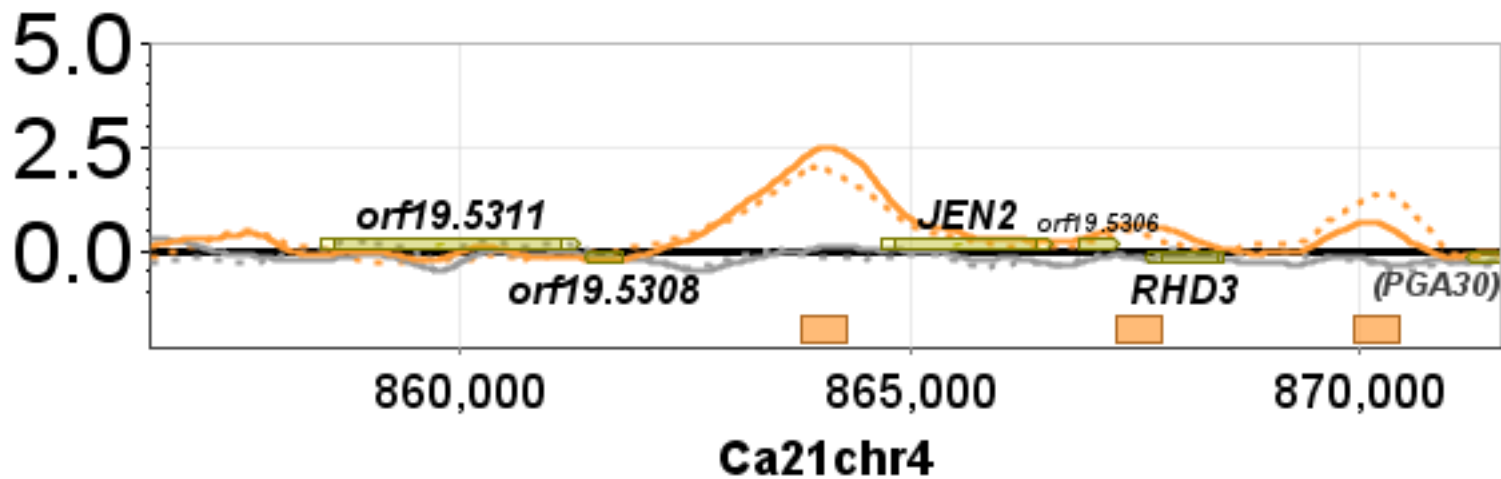
[2.504] Ca21chr5:763219-778218 [+] [te(uuc)5, orf19.2638, orf19.2639, orf19.2639.1, FUR1]



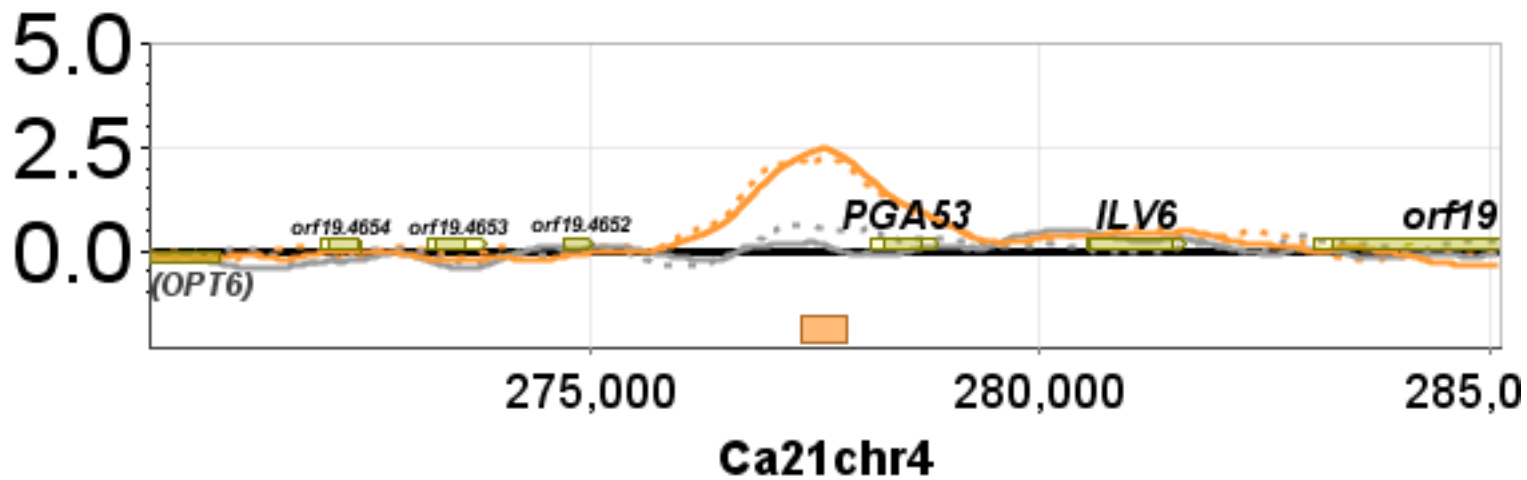
[2.485] Ca21chr6:661075-676074 [+] [MDR1, ntar_1017, BMT6, orf19.5605, orf19.5606]



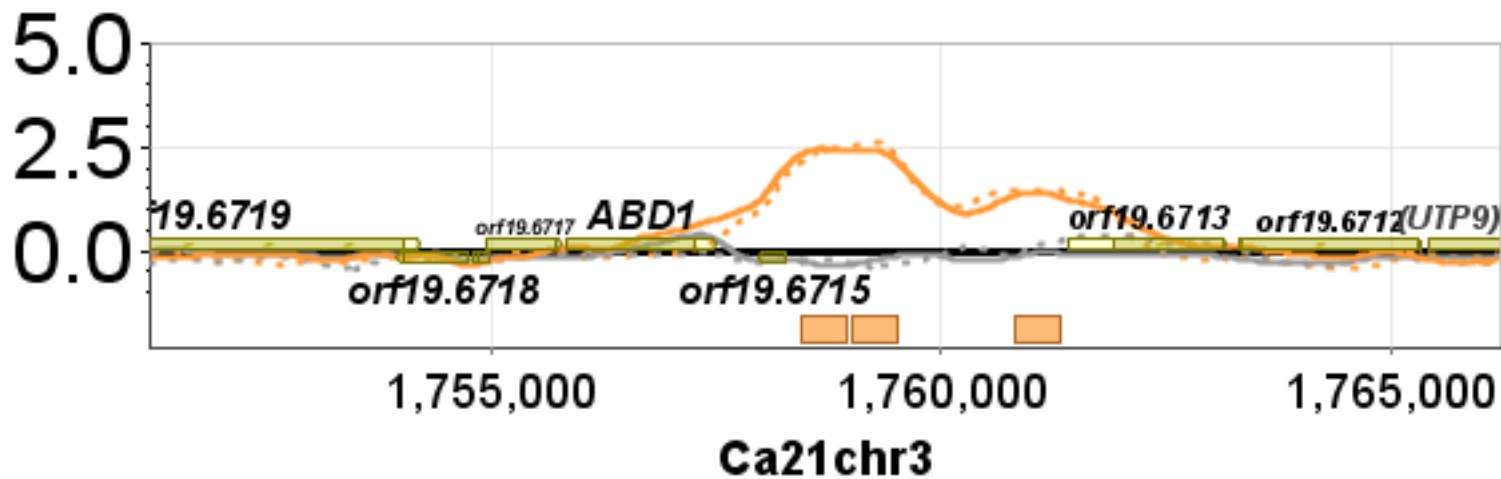
[2.478] Ca21chr4:856545-871544 [+] [JEN2, orf19.5308, orf19.5306, RHD3, orf19.5304]



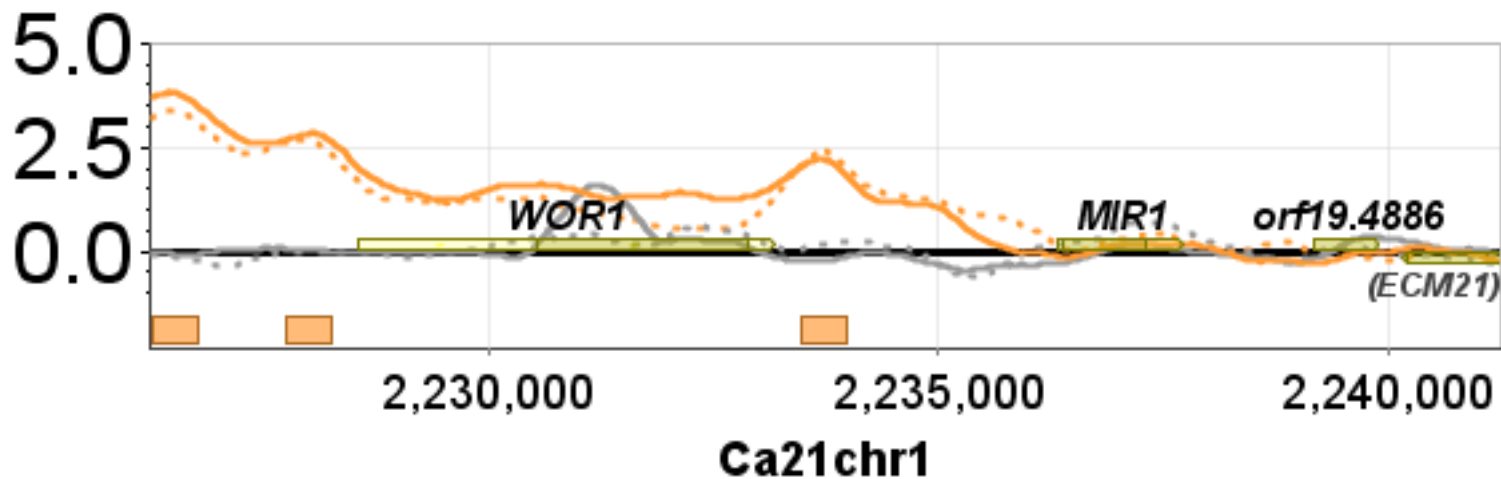
[2.461] Ca21chr4:270107-285106 [+] [ntar_734, PGA53, ntar_733, ntar_735, orf19.4652]



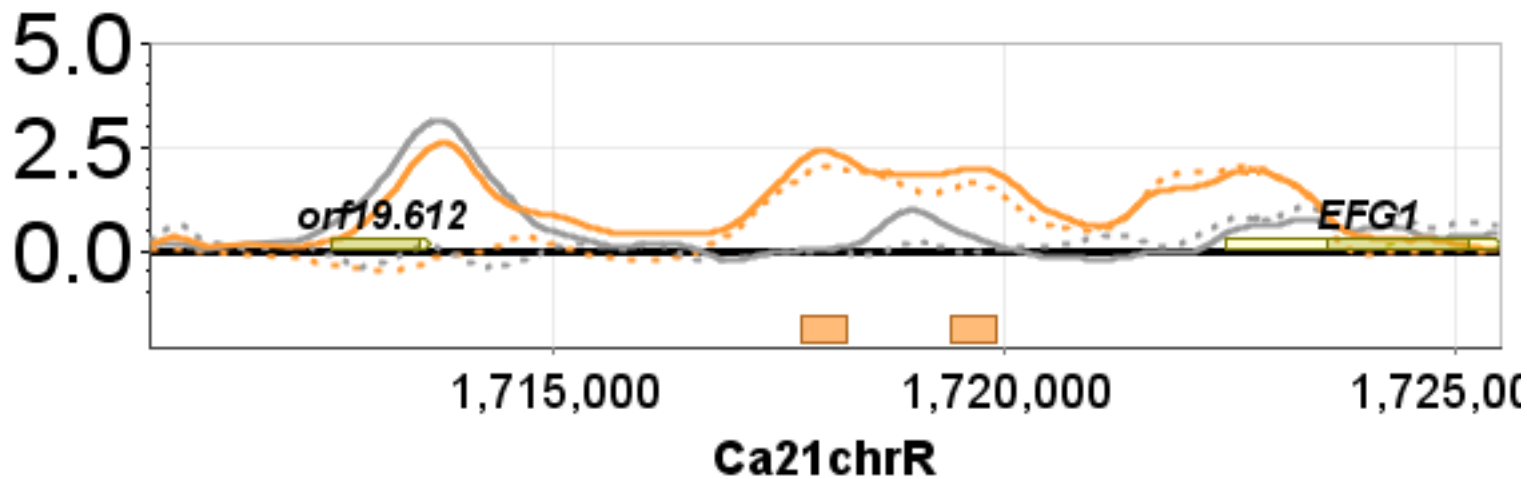
[2.455] Ca21chr3:1751202-1766201 [+] [orf19.6715, ntar_688, orf19.6713, ABD1, orf19.6718]



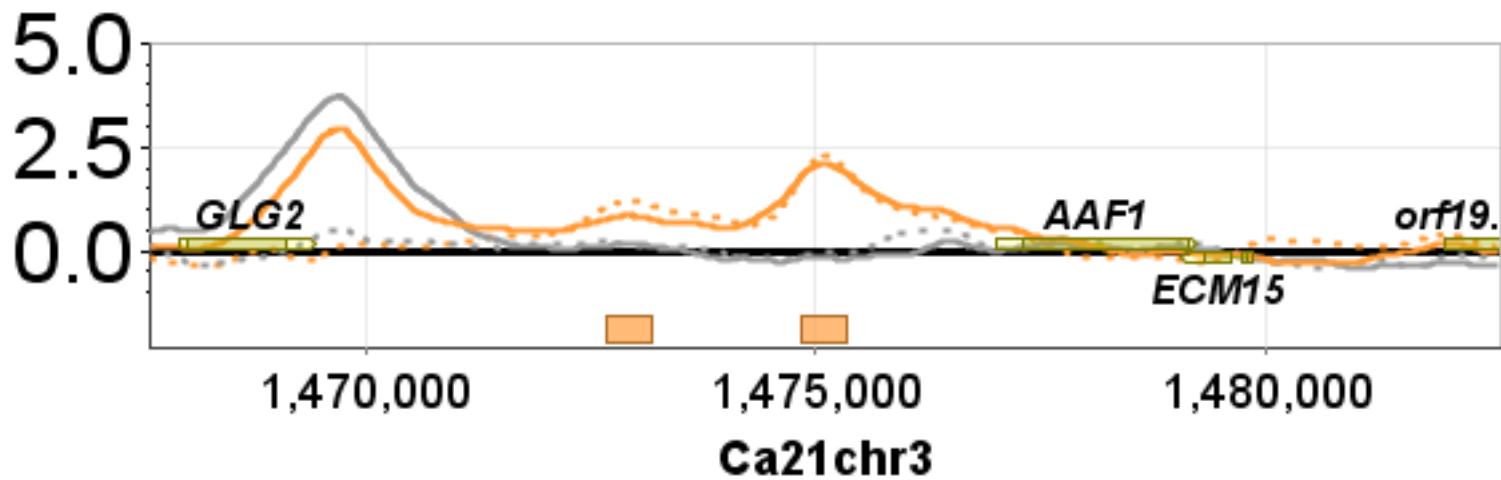
[2.406] Ca21chr1:2226232-2241231 [+] [MIR1, WOR1, orf19.4886, ECM21]

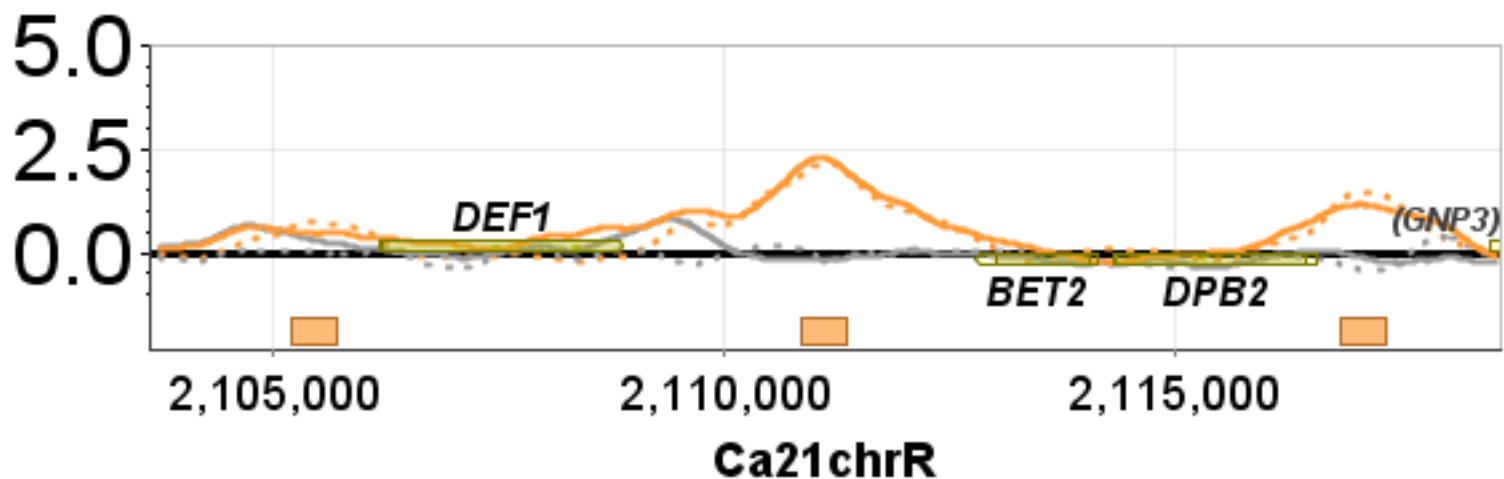
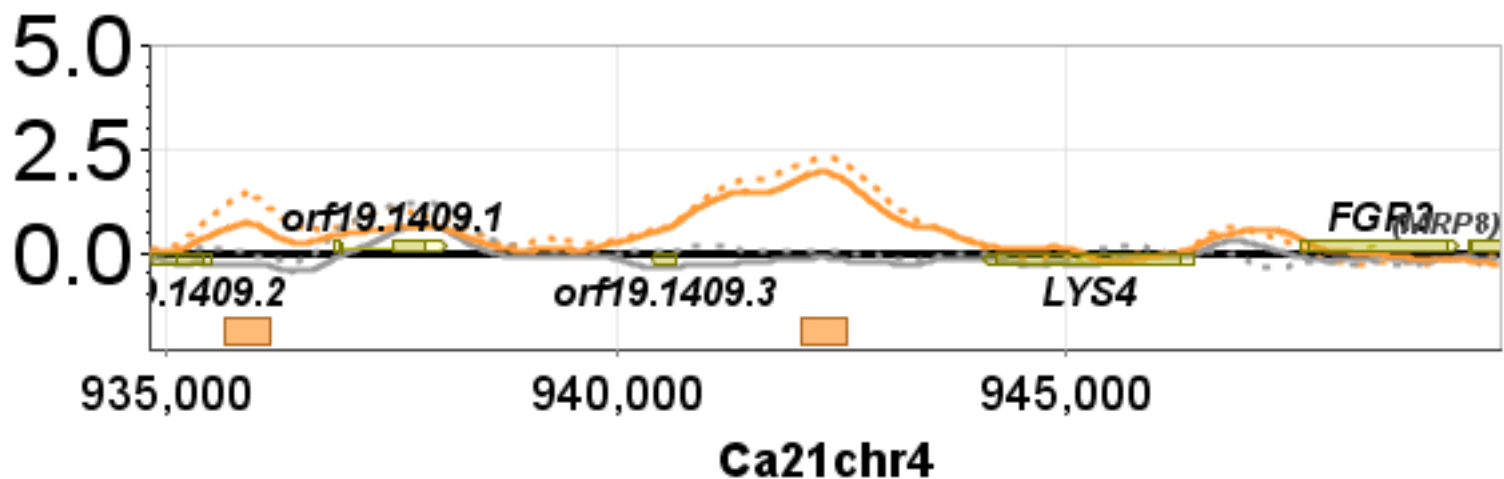
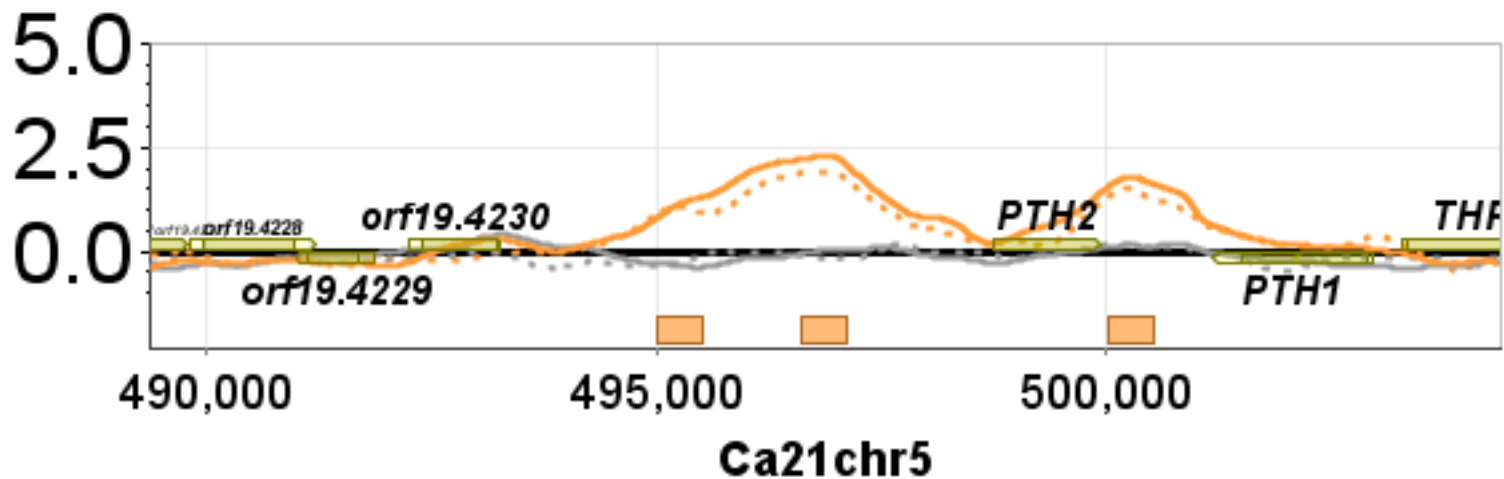
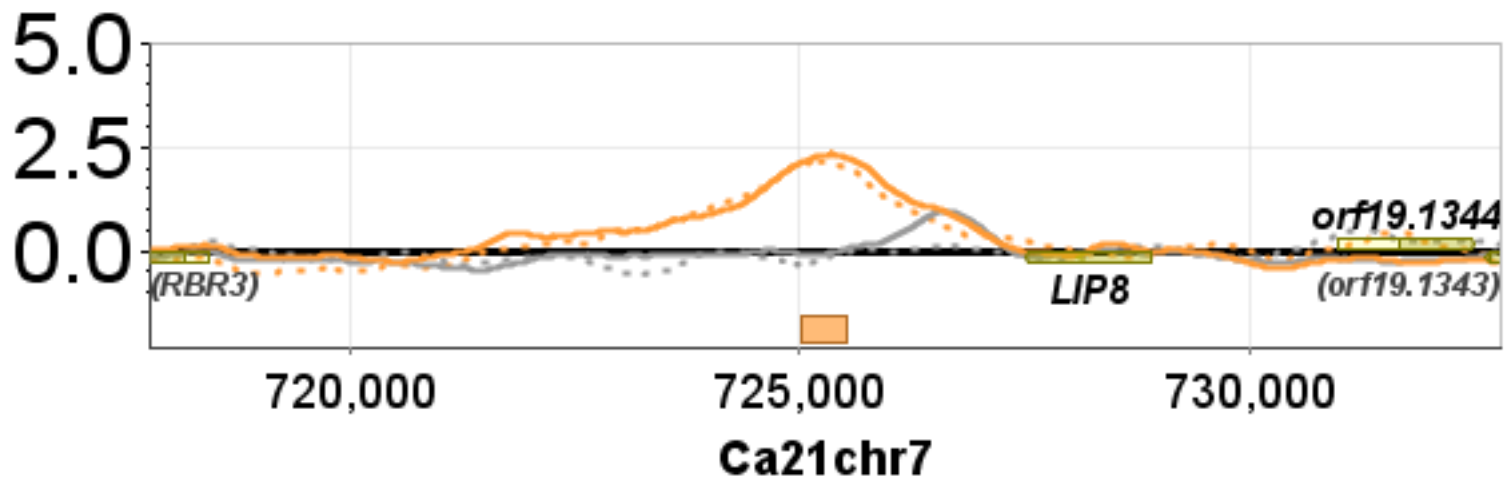


[2.402] Ca21chrR:1710499-1725498 [+] [ntar_1351, ntar_1353, ntar_1352, tg(gcc)1, EFG1]

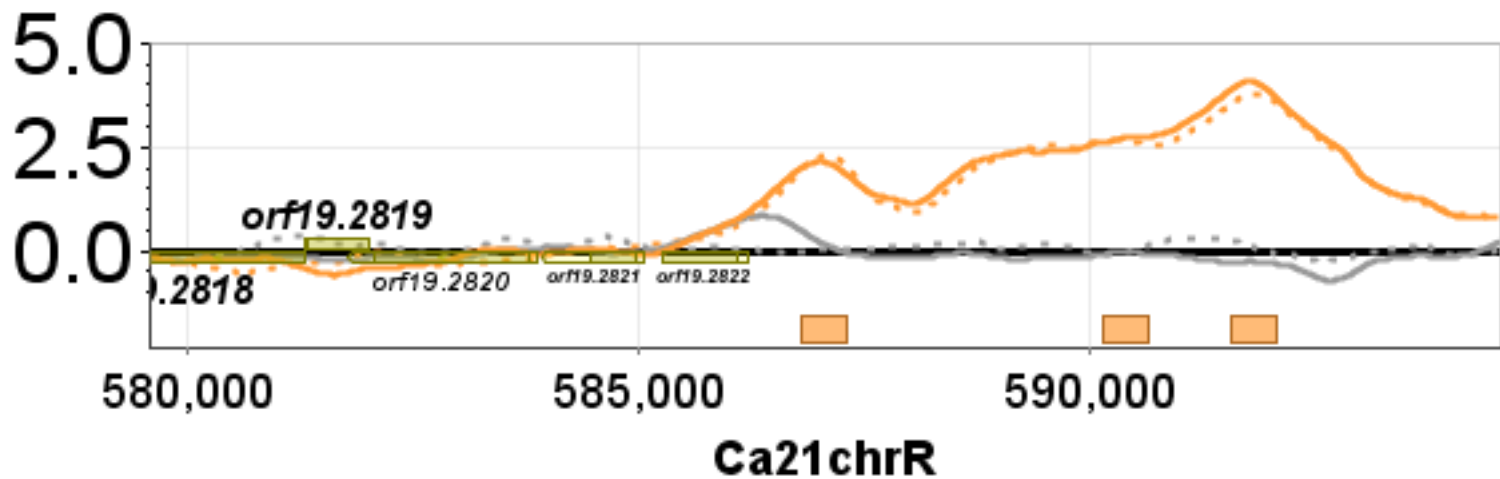


[2.324] Ca21chr3:1467593-1482592 [+] [ntar_658, ntar_659, AAF1, ECM15, th(gug)3]

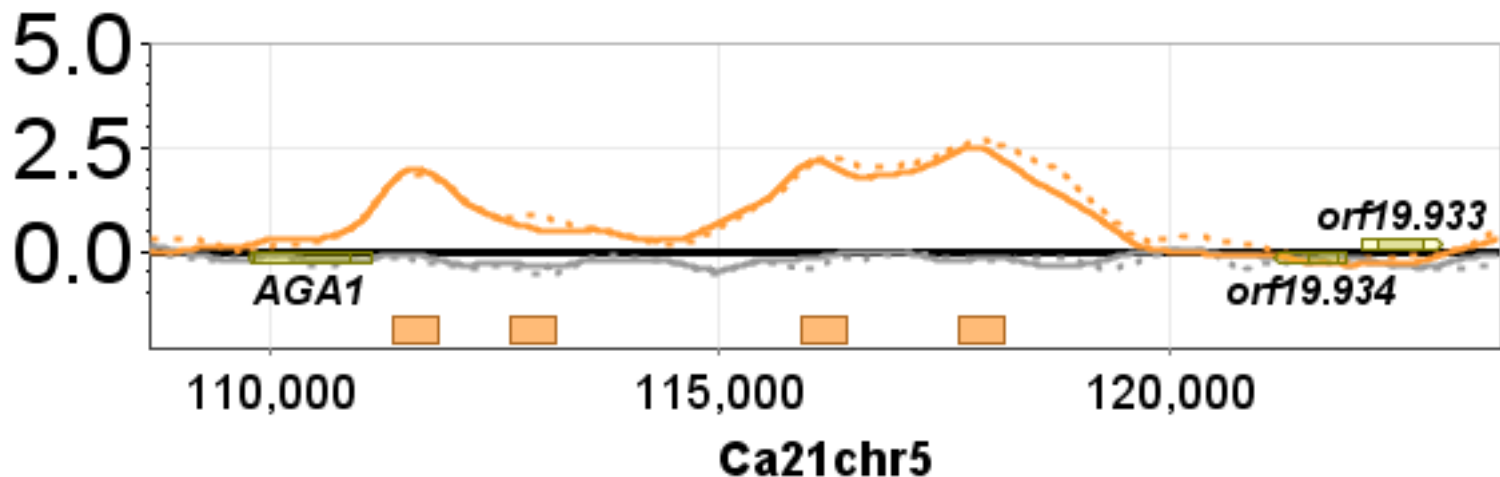




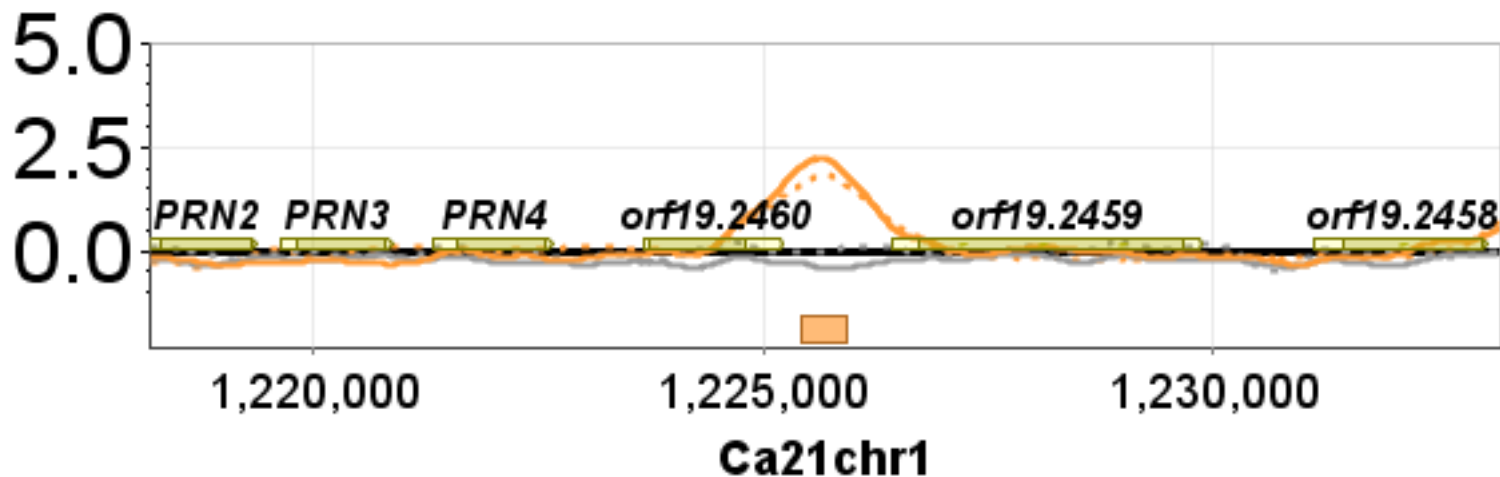
[2.3] Ca21chrR:579559-594558 [+] [orf19.2822, orf19.2821, orf19.2820, orf19.2818, orf19.2819]



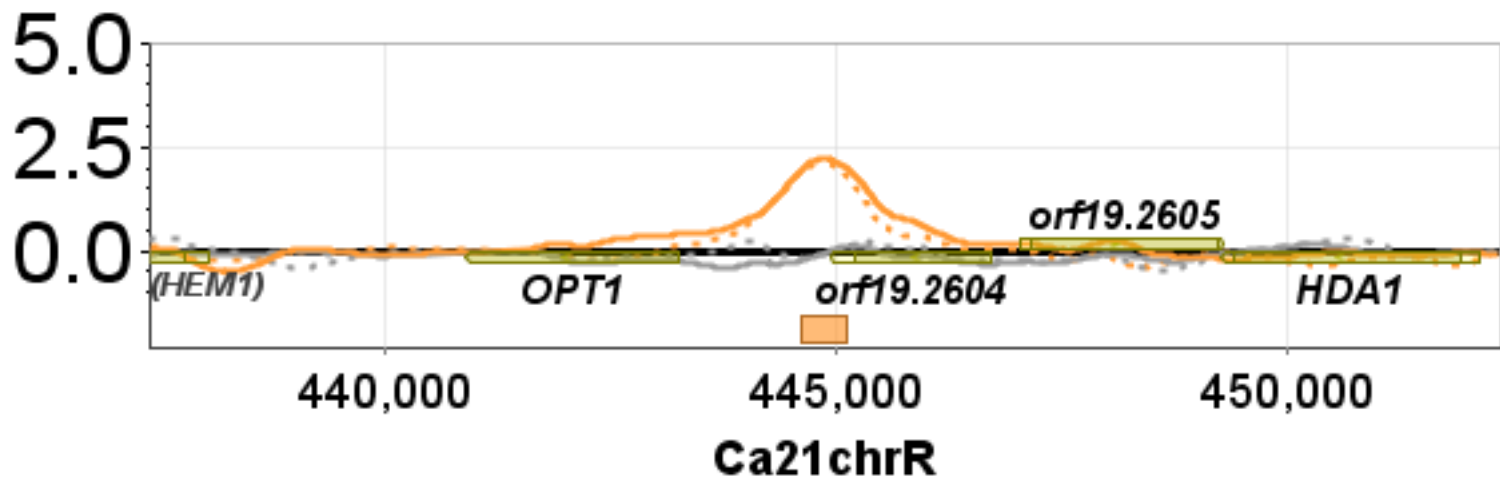
[2.261] Ca21chr5:108657-123656 [+] [AGA1, orf19.934, orf19.933]

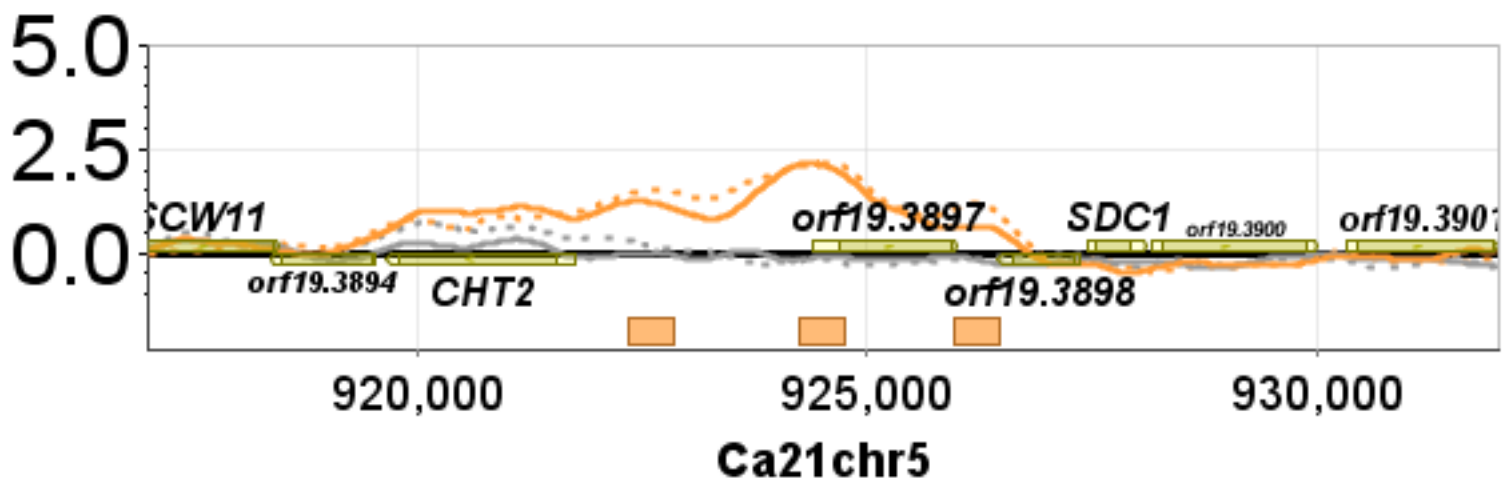
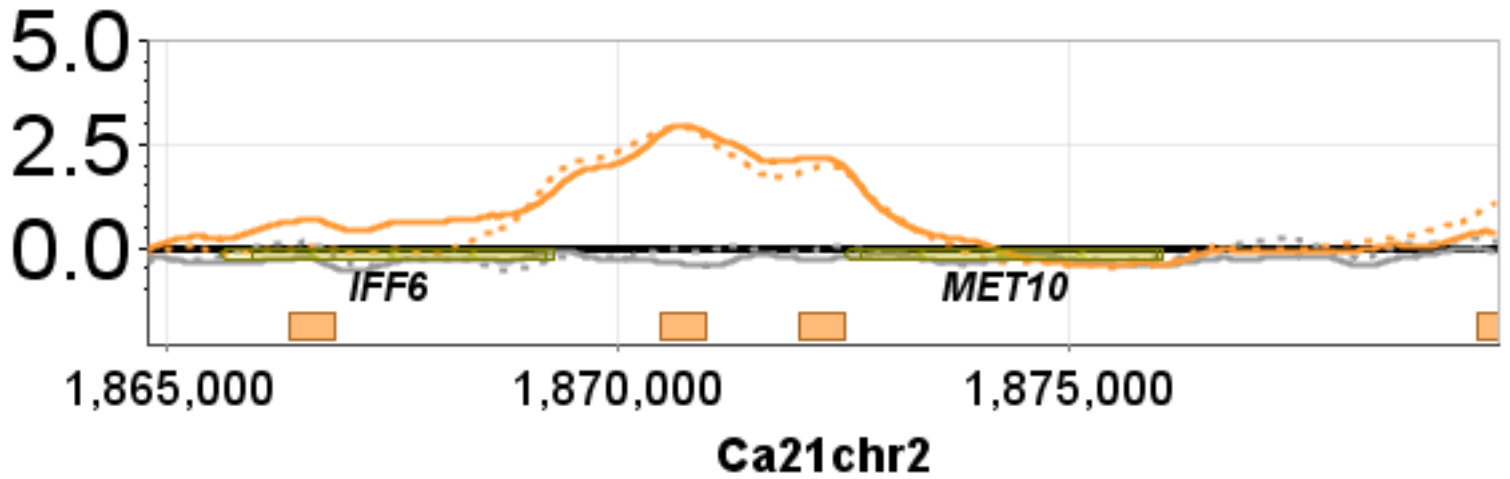
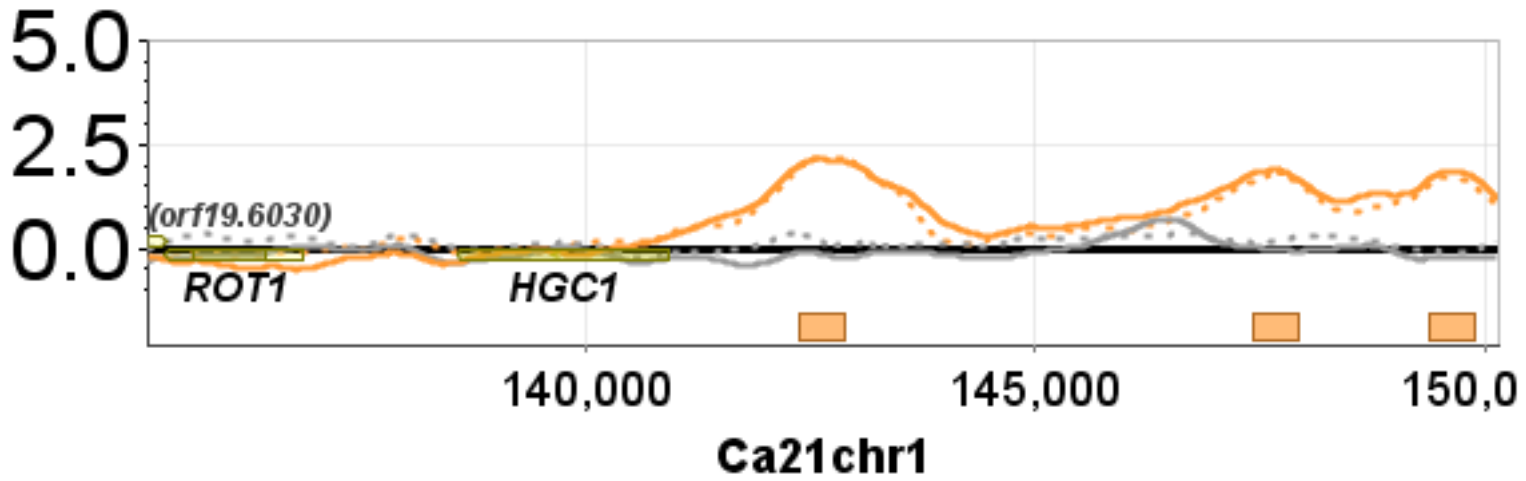
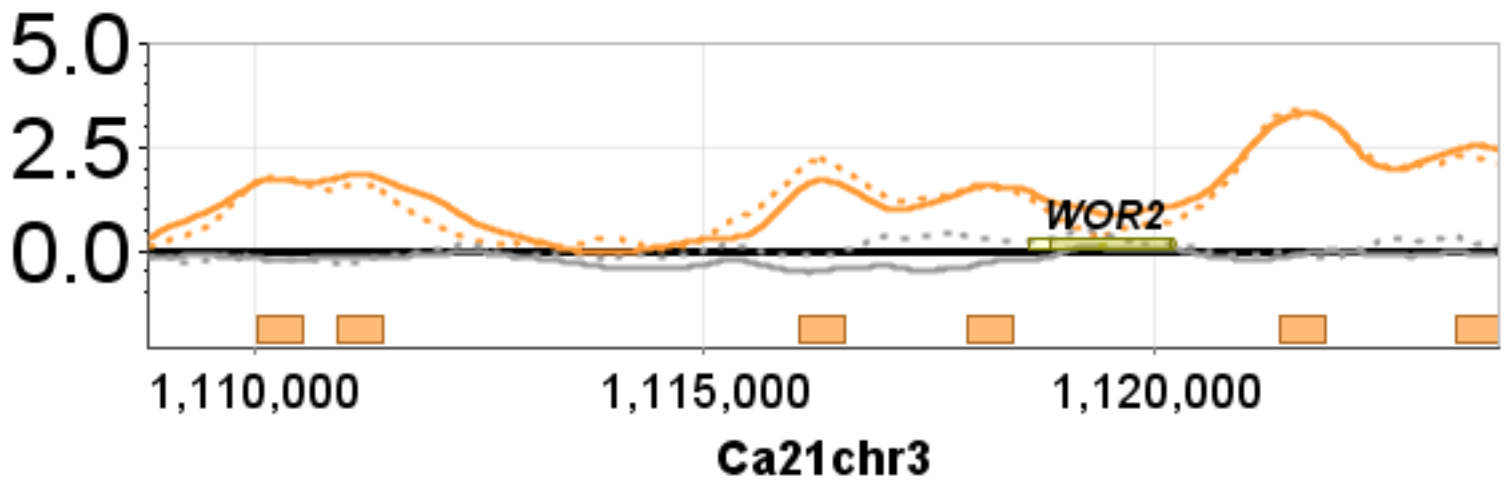


[2.234] Ca21chr1:1218177-1233176 [+] [orf19.2459, orf19.2460, PRN4, orf19.2458, PRN3]

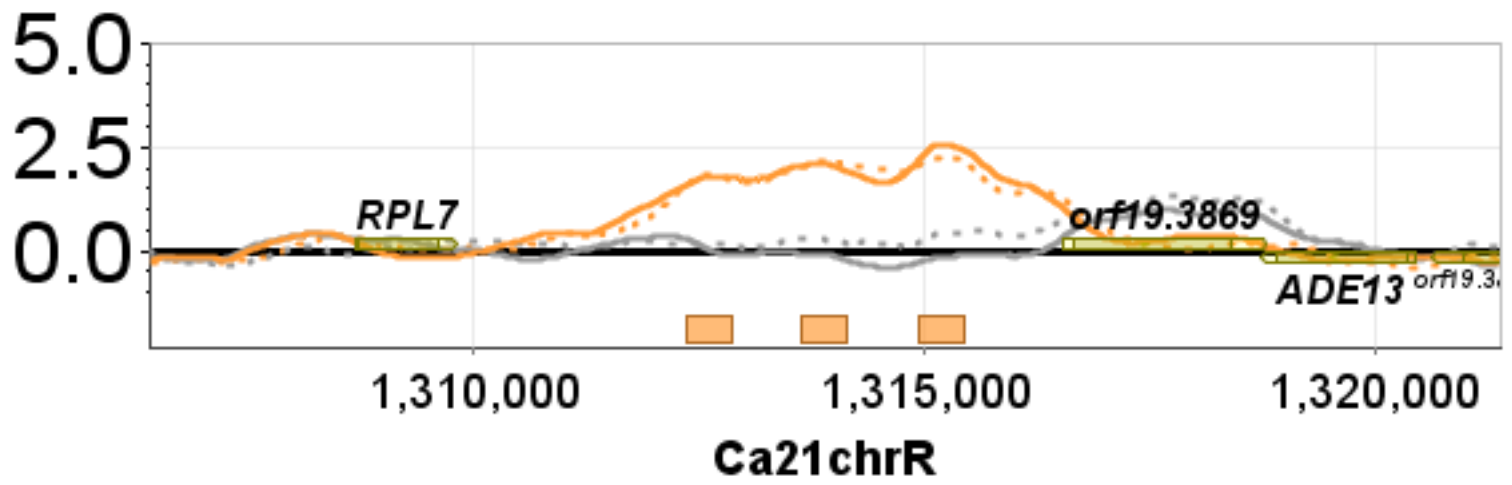


[2.214] Ca21chrR:437365-452364 [+] [OPT1, orf19.2604, orf19.2605, HEM1, HDA1]

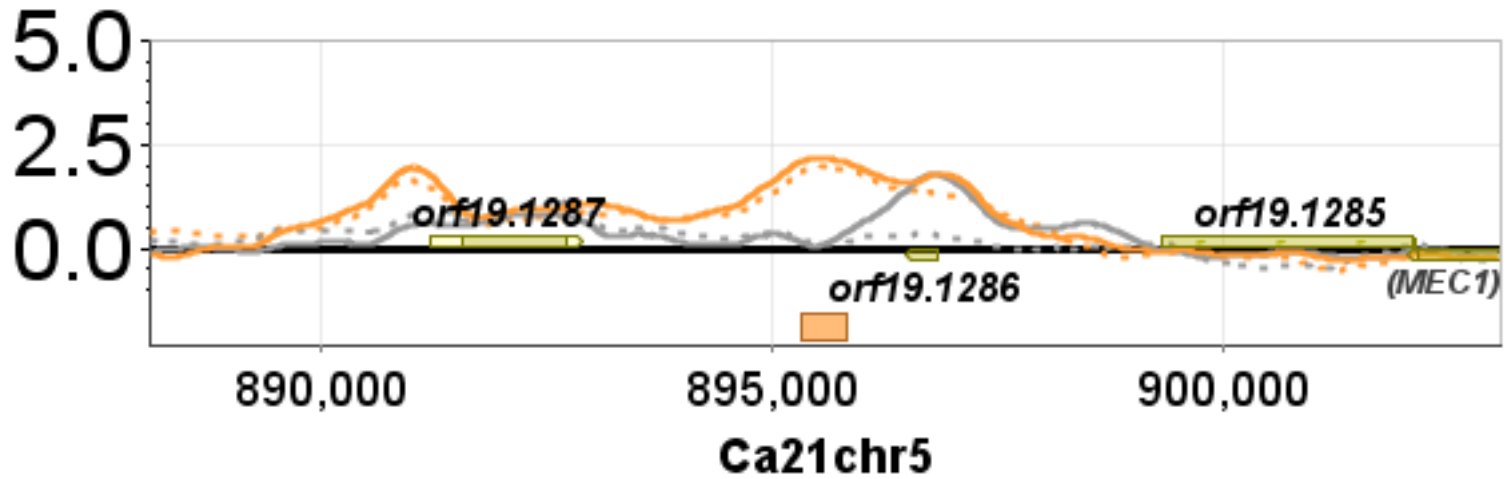




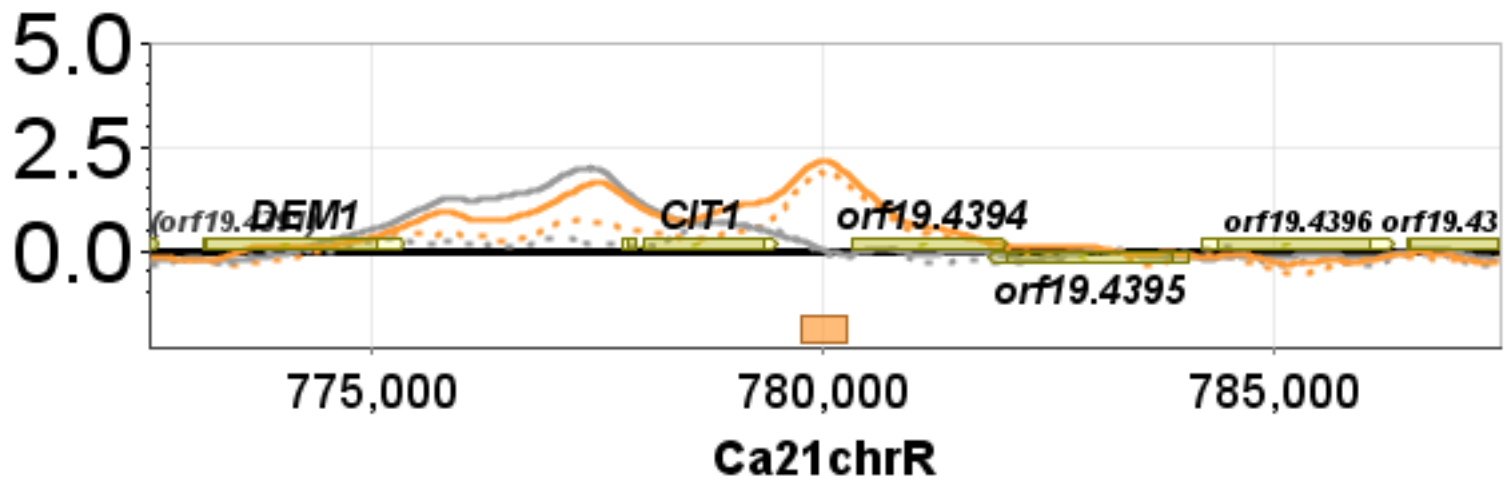
[2.175] Ca21chrR:1306385-1321384 [+] [ntar_1302, orf19.3868, orf19.3869, ntar_1301, ntar_1300]



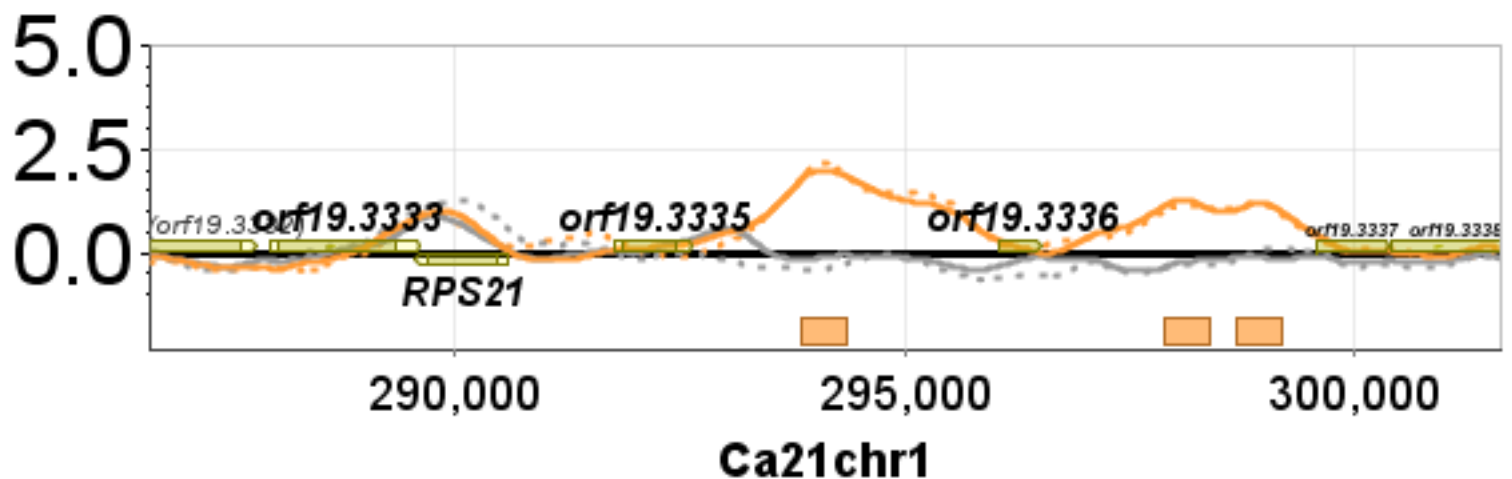
[2.168] Ca21chr5:888080-903079 [+] [orf19.1286, ntar_940, orf19.1285, orf19.1287, ntar_939]

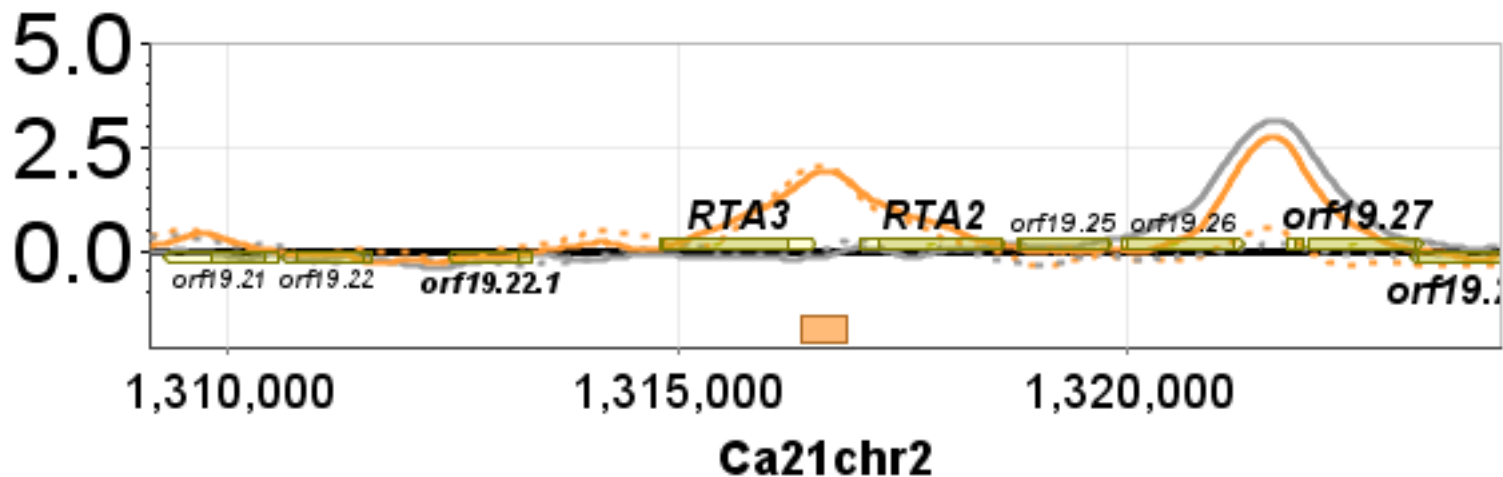
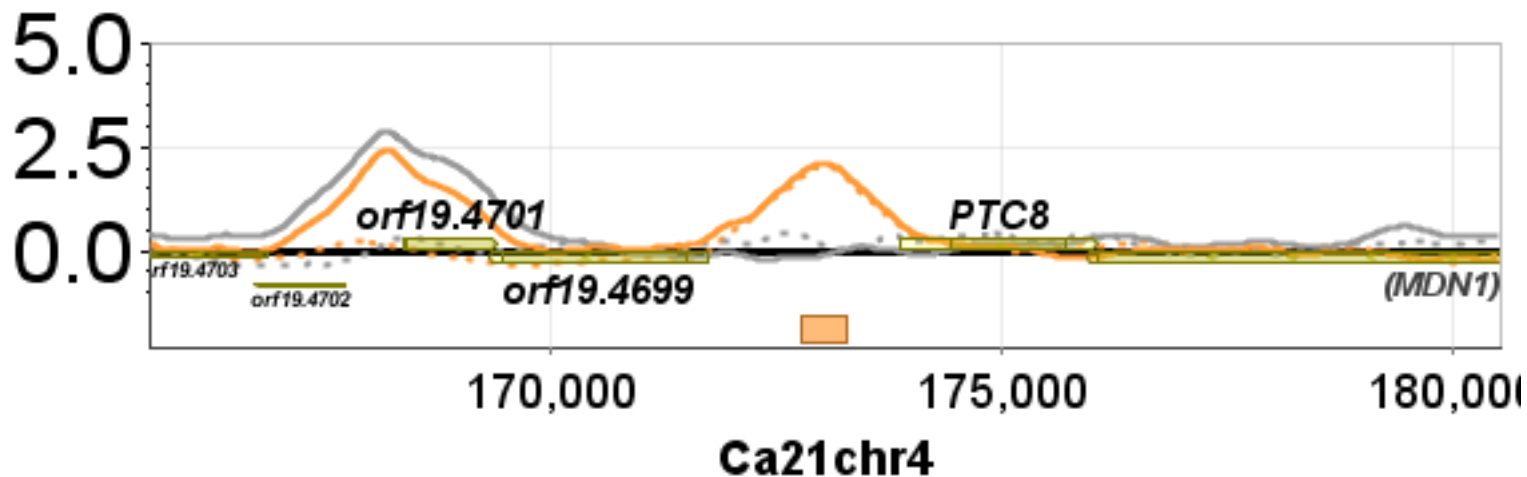
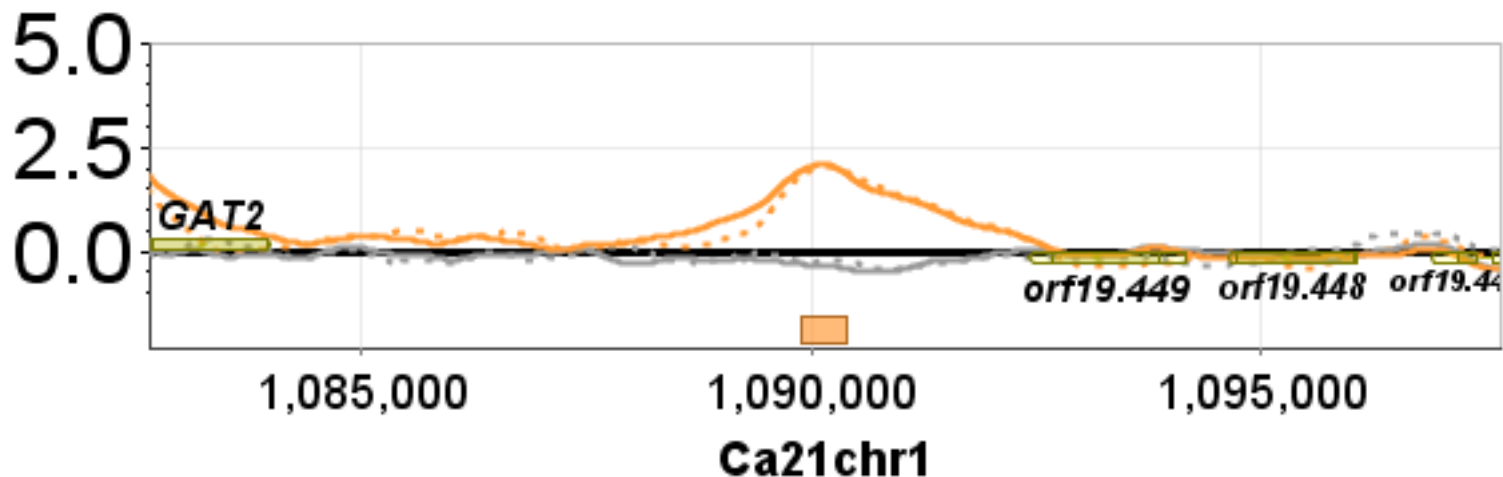
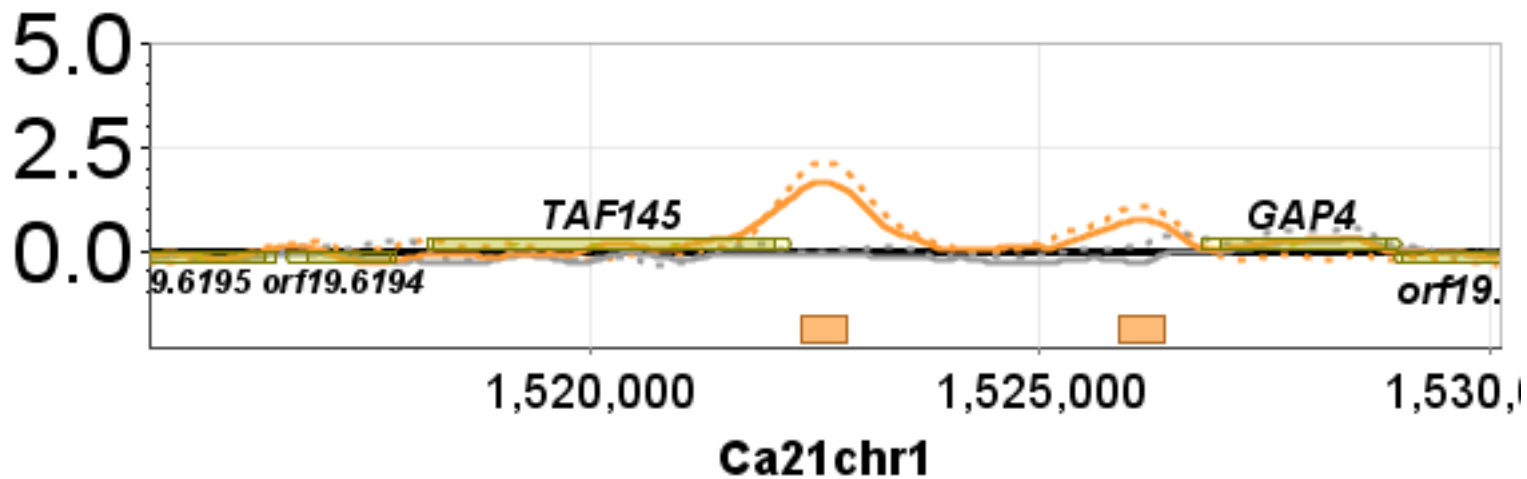


[2.15] Ca21chrR:772513-787512 [+] [orf19.4394, CIT1, orf19.4395, orf19.4396, ntar_1246]

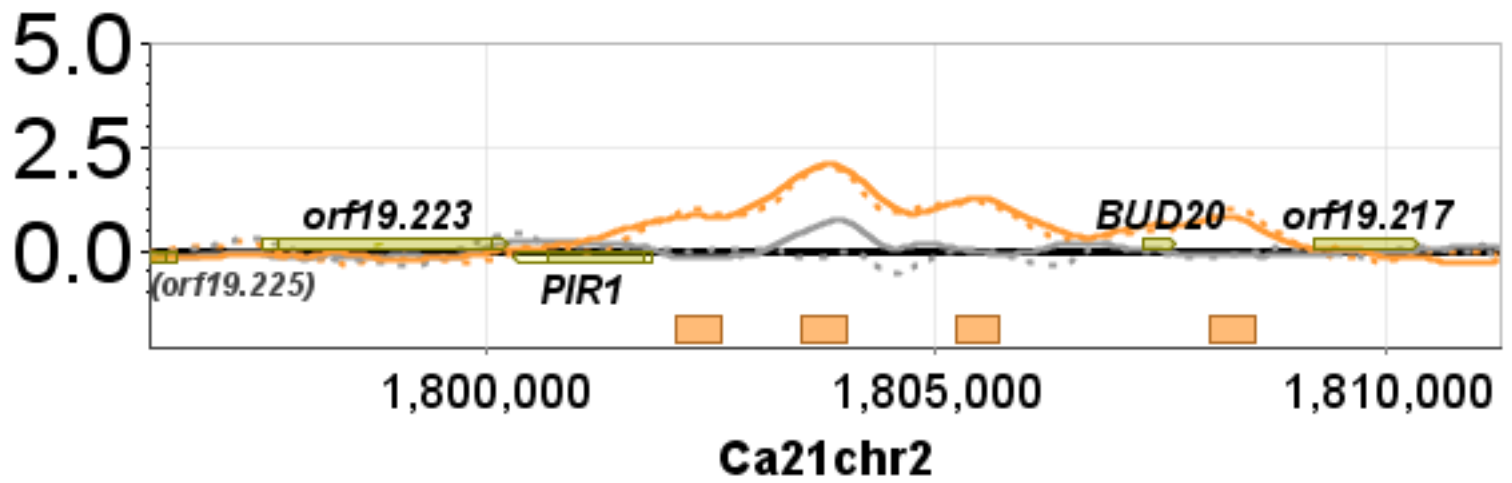


[2.142] Ca21chr1:286603-301602 [+] [orf19.3336, orf19.3335, ntar_28, RPS21, orf19.3337]

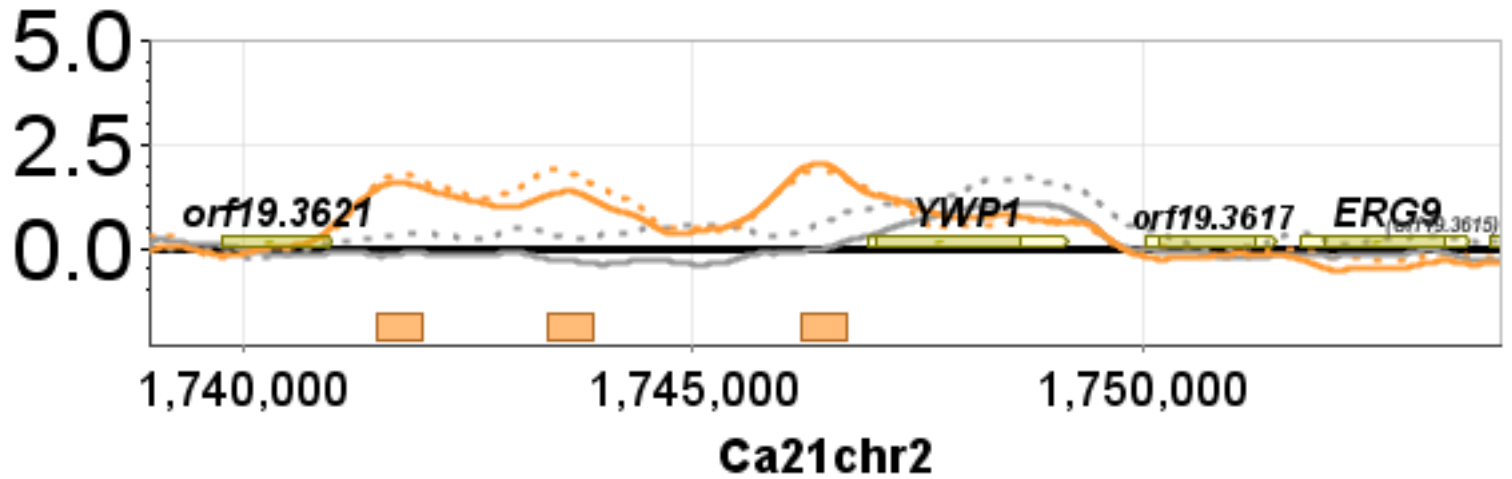




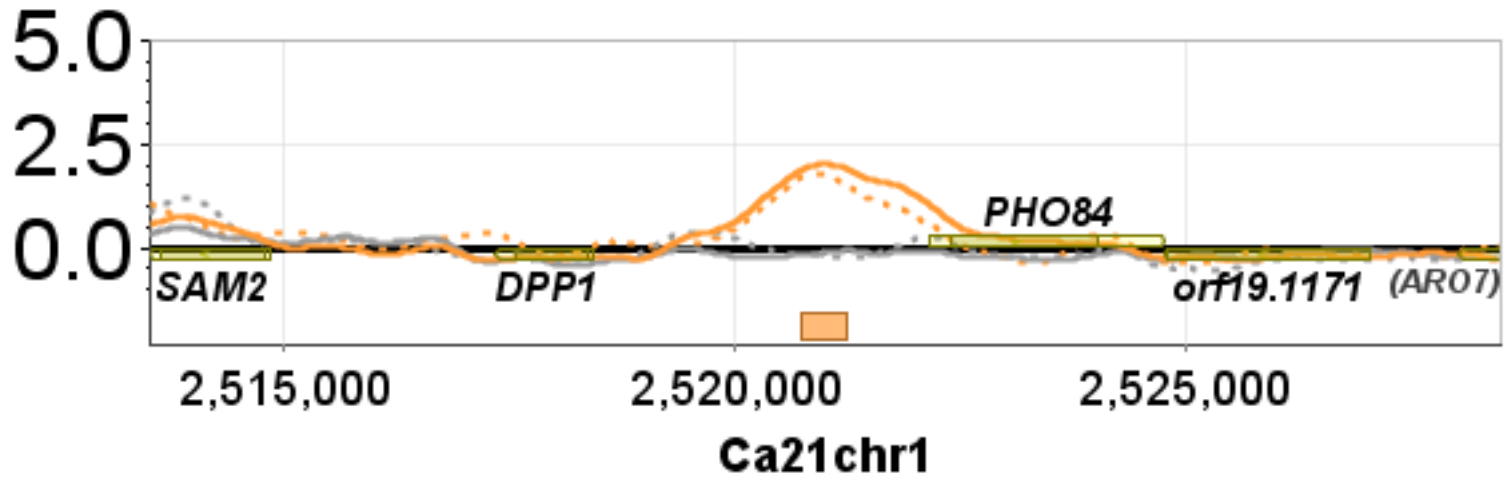
[2.037] Ca21chr2:1796258-1811257 [+] [PIR1, BUD20, orf19.217, orf19.223, orf19.225]



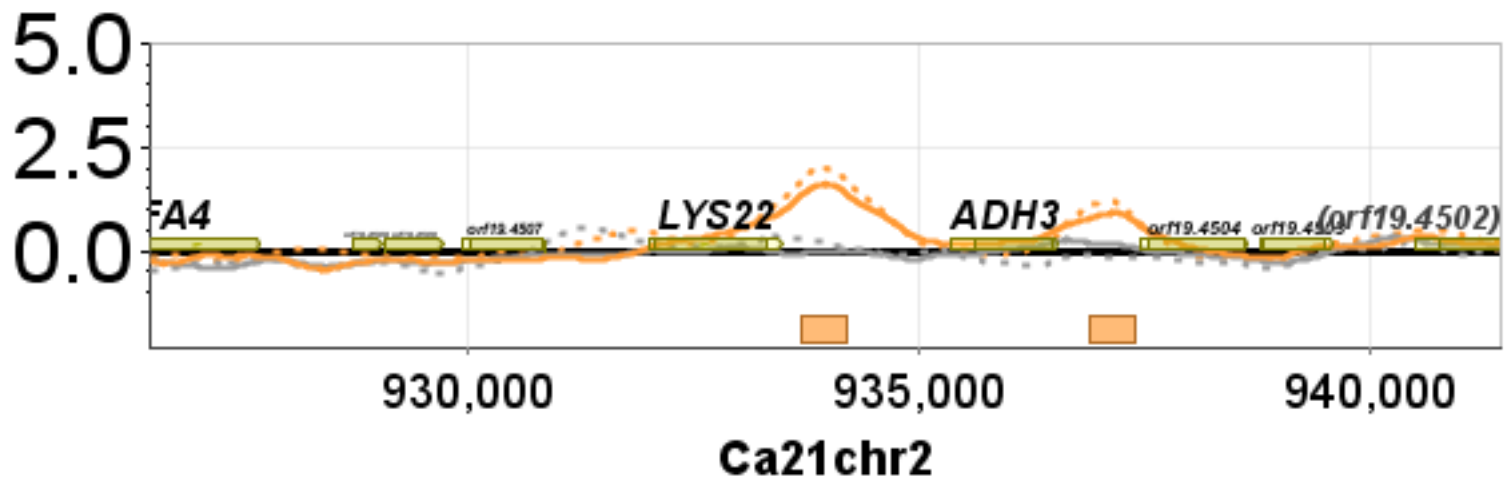
[2.027] Ca21chr2:1738959-1753958 [+] [YWP1, ntar_452, ntar_451, ntar_449, ntar_450]



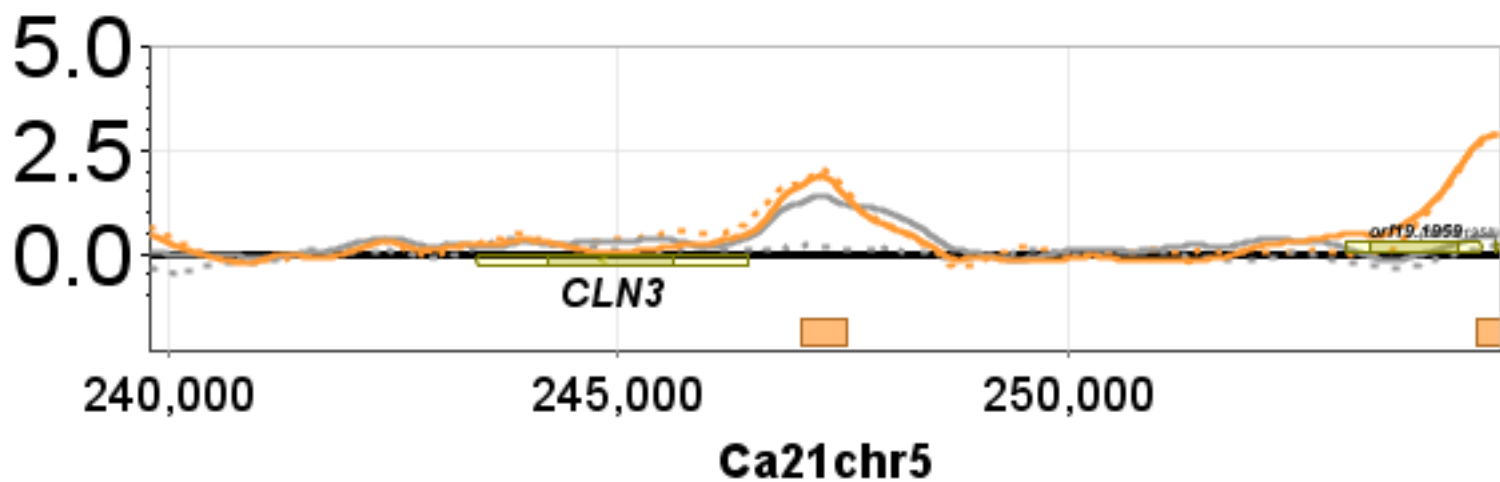
[2.022] Ca21chr1:2513489-2528488 [+] [PHO84, DPP1, ntar_240, ntar_241, ntar_239]



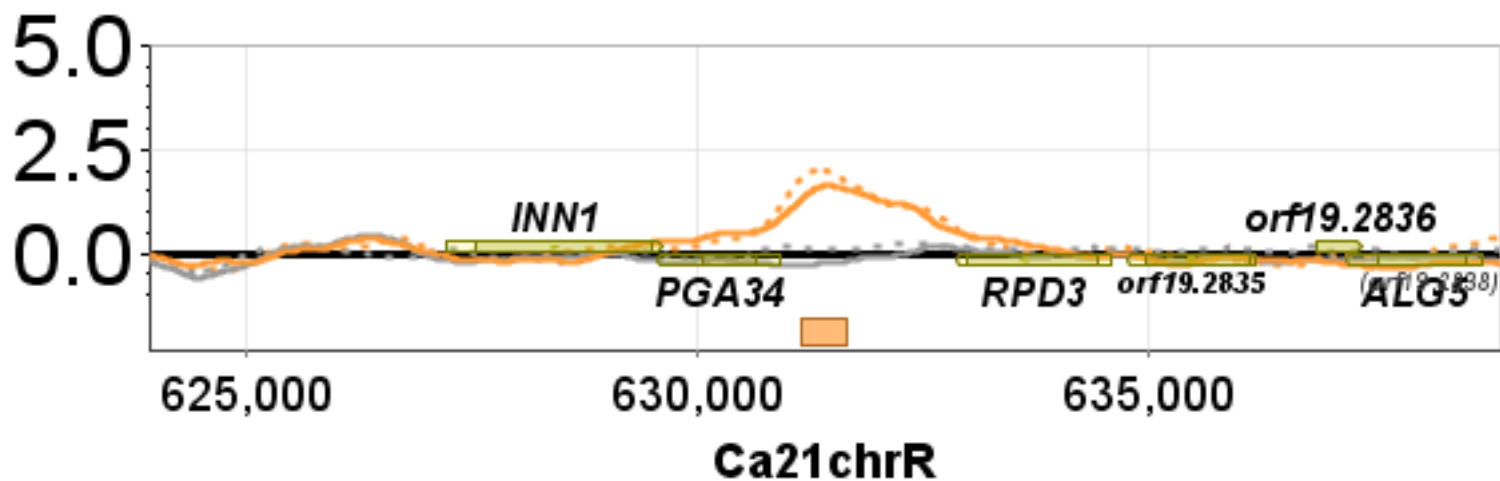
[2.019] Ca21chr2:926453-941452 [+] [ntar_369, ADH3, LYS22, ntar_368, ntar_370]



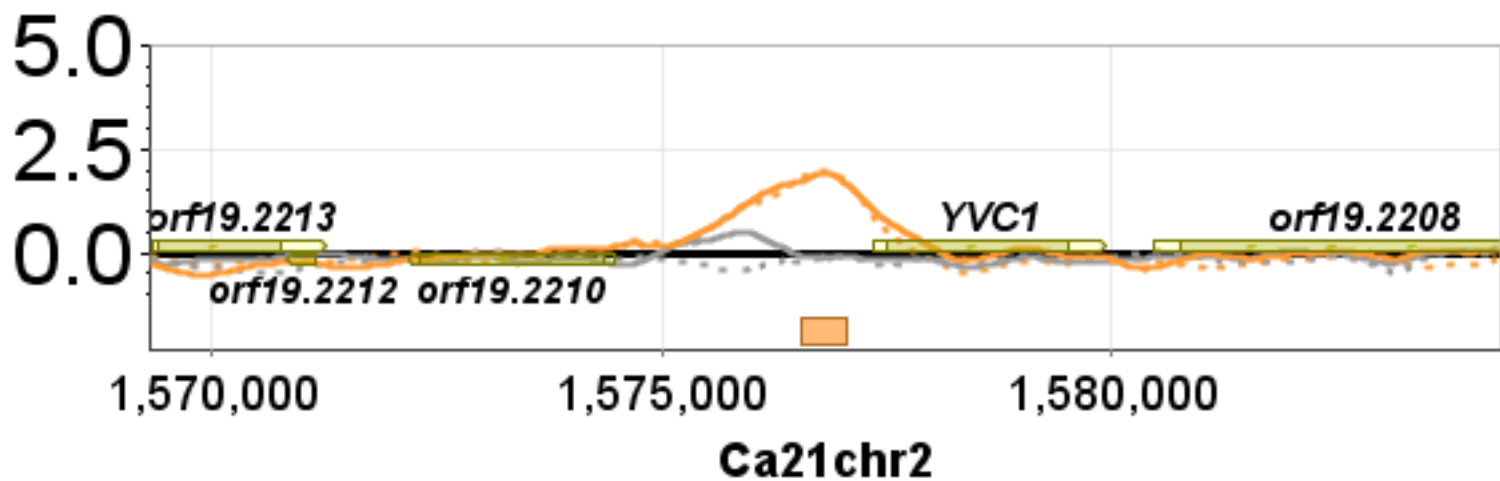
[2.015] Ca21chr5:239790-254789 [+] [CLN3, ntar_865, ntar_864, orf19.1959, orf19.1958]



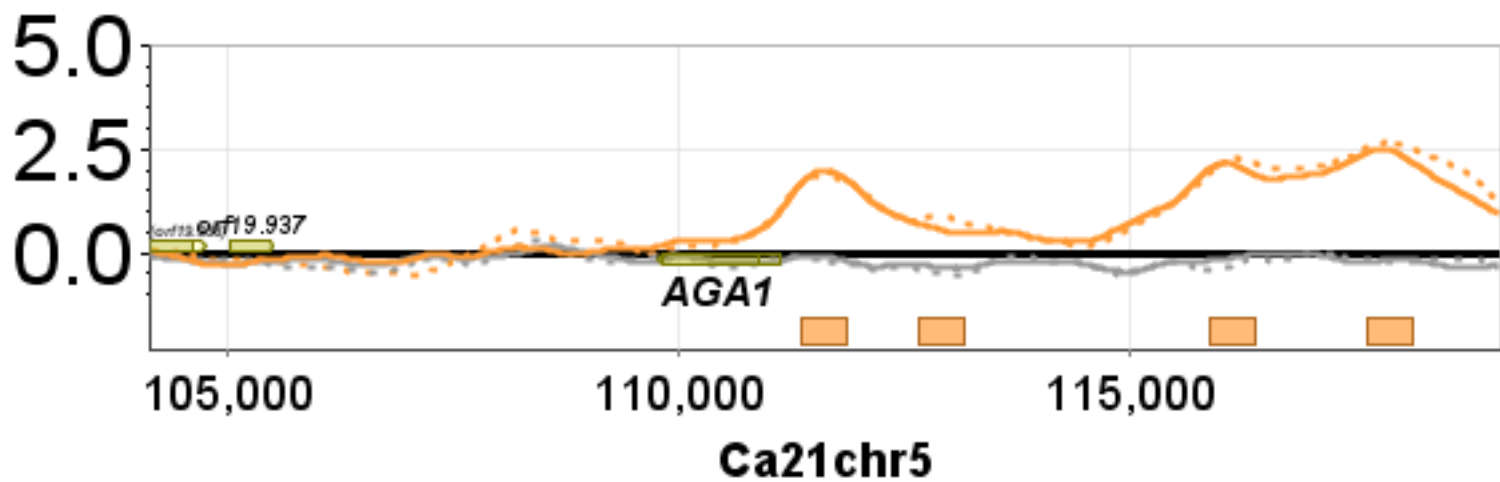
[2.005] Ca21chrR:623904-638903 [+] [PGA34, ntar_1229, ntar_1230, ntar_1231, RPD3]



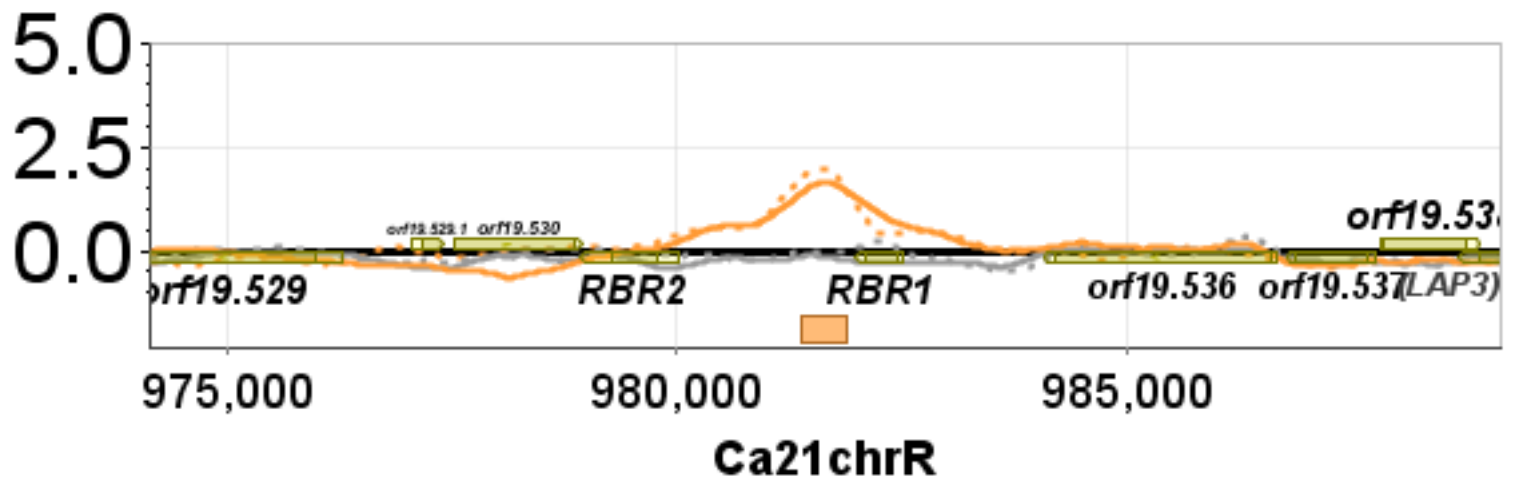
[1.995] Ca21chr2:1569299-1584298 [+] [YVC1, orf19.2210, orf19.2208, orf19.2211, orf19.2212]



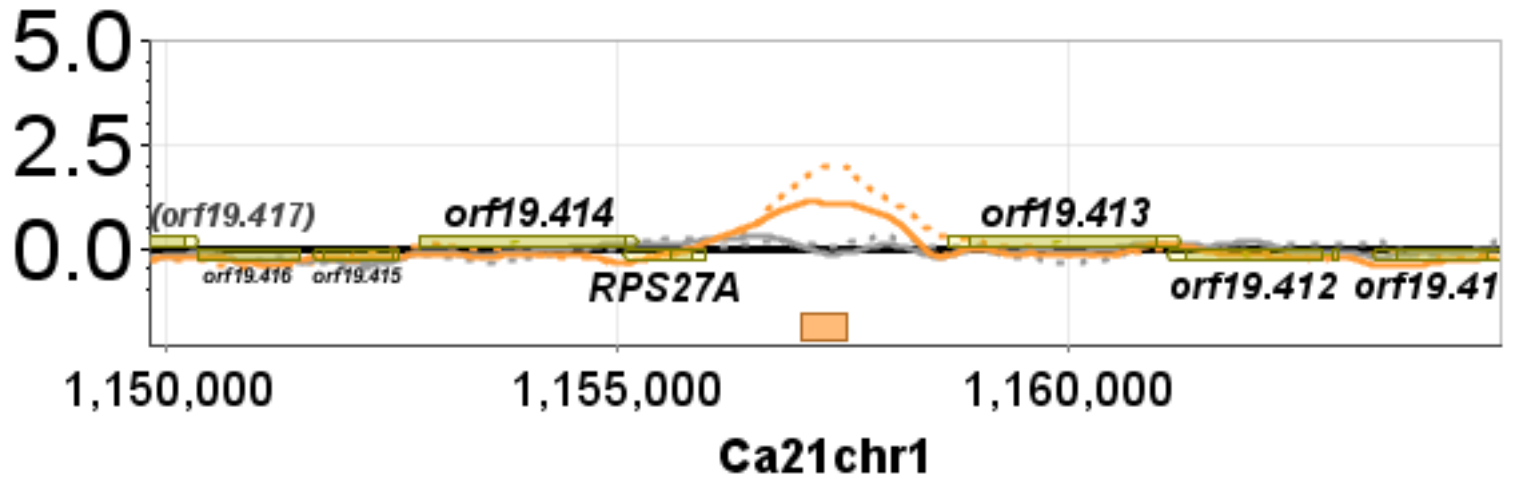
[1.985] Ca21chr5:104117-119116 [+] [AGA1, ntar_854, orf19.936, orf19.937, orf19.938]



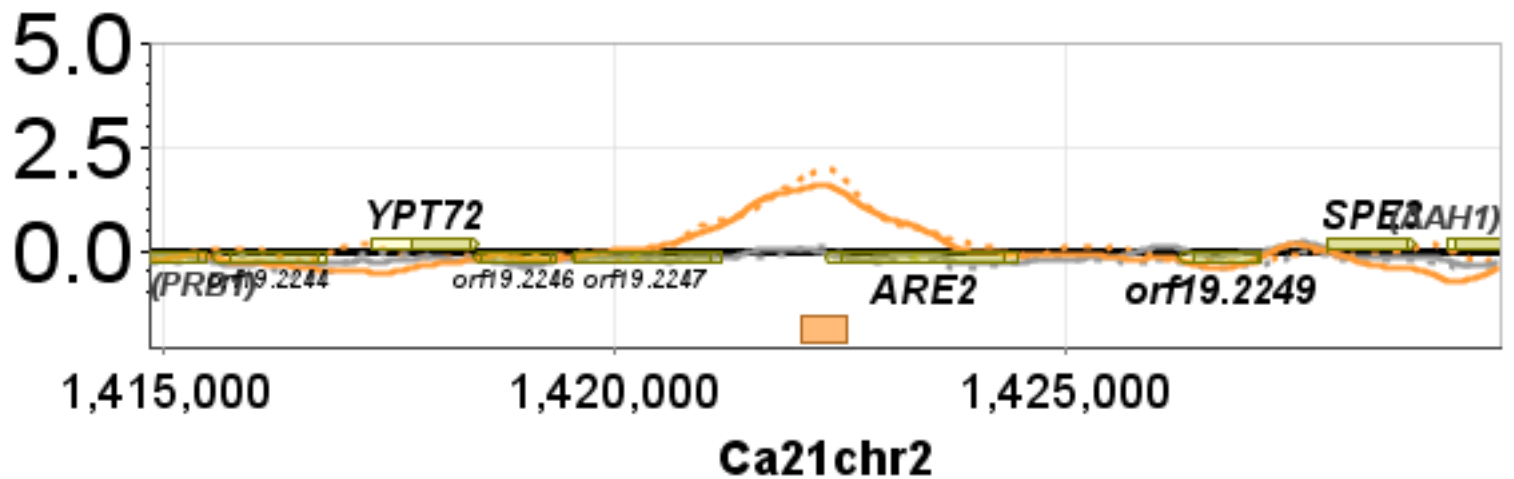
[1.984] Ca21chrR:974133-989132 [+] [orf19.533, RBR1, RBR2, ntar_1259, orf19.530]



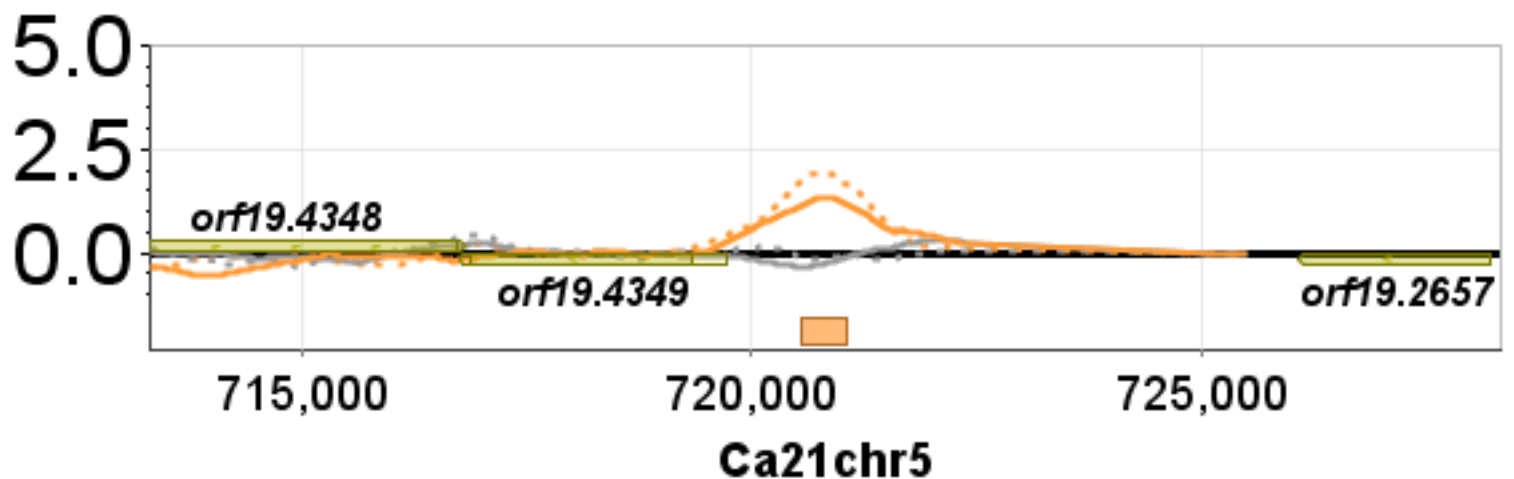
[1.98] Ca21chr1:1149802-1164801 [+] [ntar_114, RPS27A, orf19.413, ntar_115, orf19.414]



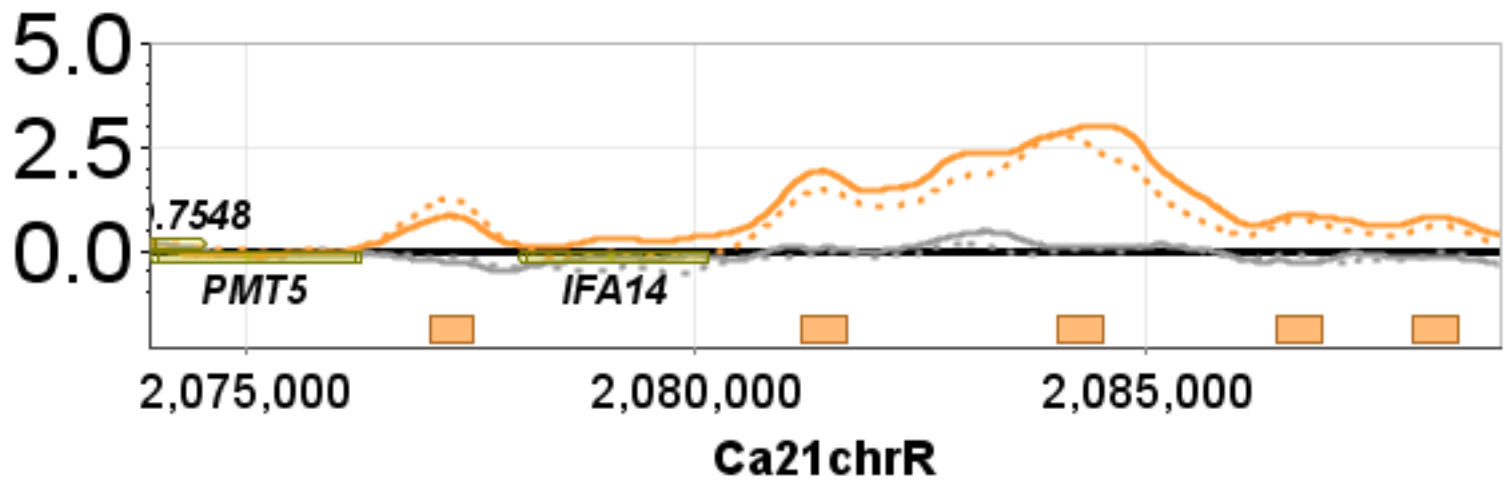
[1.973] Ca21chr2:1414831-1429830 [+] [orf19.2247, ARE2, orf19.2246, ntar_427, orf19.2249]



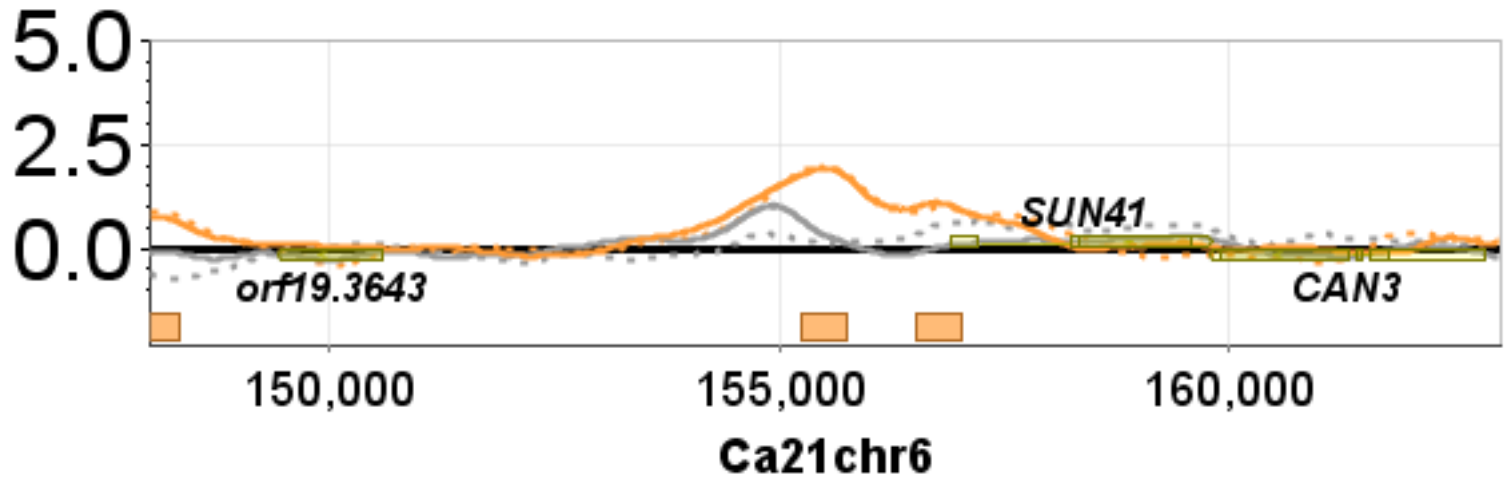
[1.957] Ca21chr5:713309-728308 [+] [ntar_1412, orf19.4349, orf19.2657, orf19.4348]



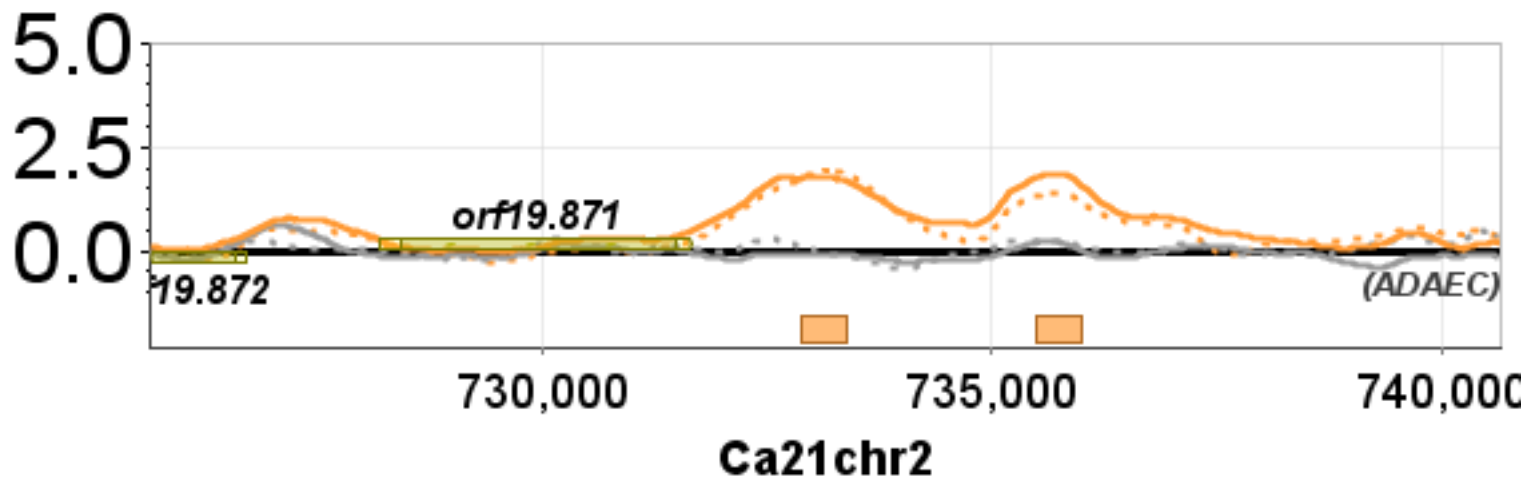
[1.943] Ca21chrR:2073927-2088926 [+] [ntar_1394.5, ntar_1395, IFA14, ntar_1396, ntar_1396.5]



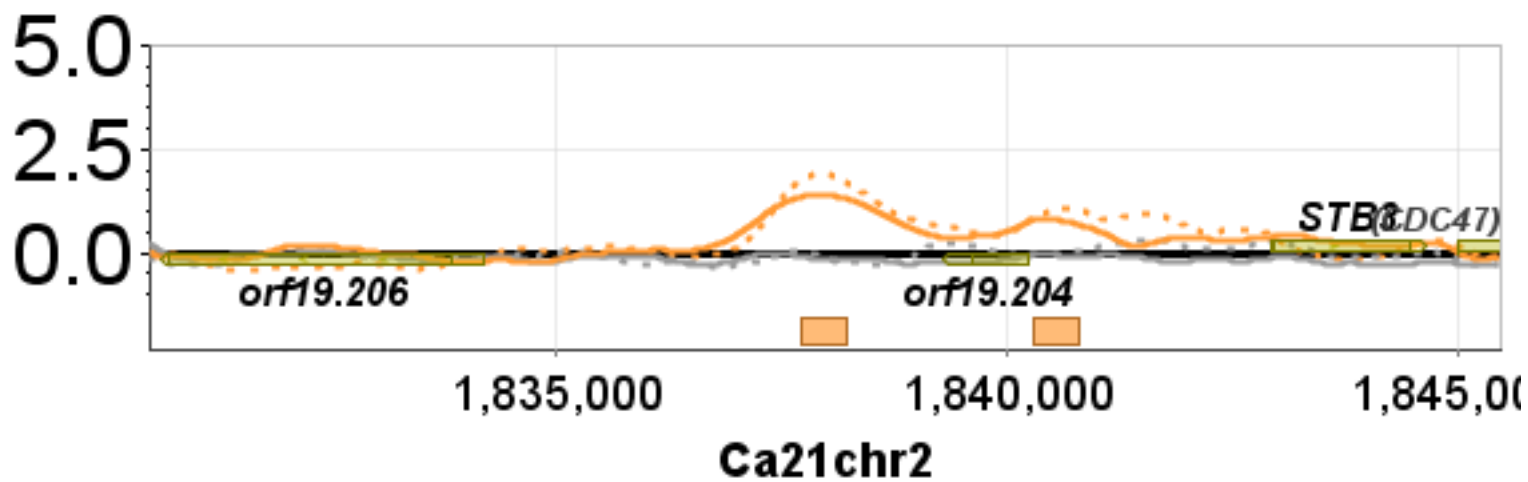
[1.937] Ca21chr6:148003-163002 [+] [SUN41, orf19.3643, CAN3]



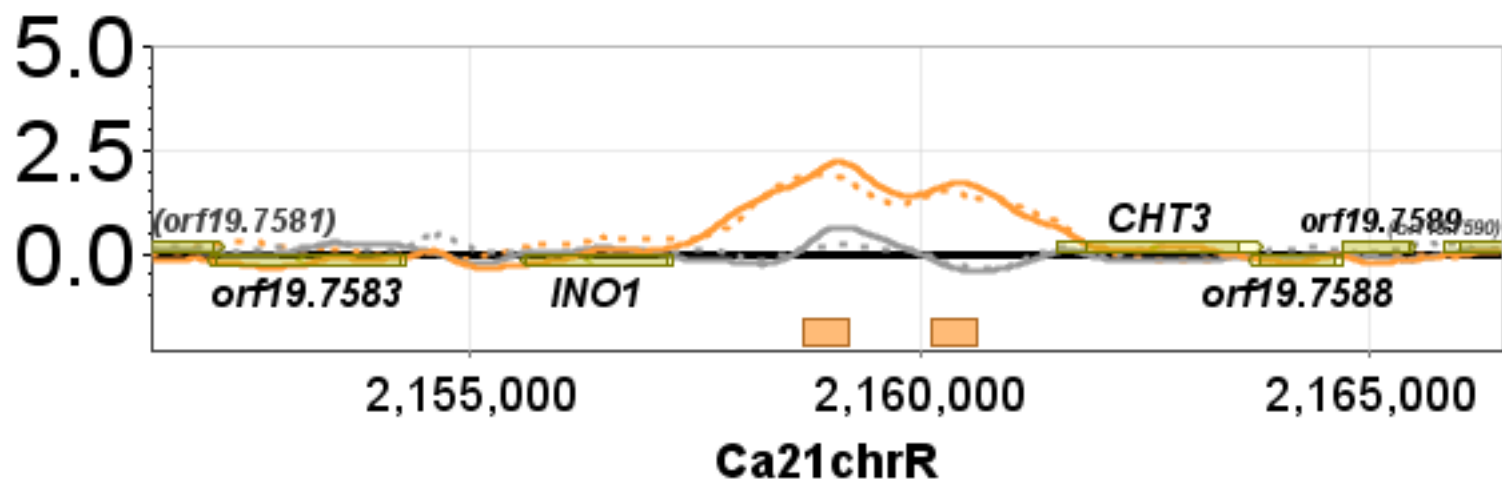
[1.936] Ca21chr2:725642-740641 [+] [ntar_353, orf19.871, orf19.872, ntar_354, ADAEC]



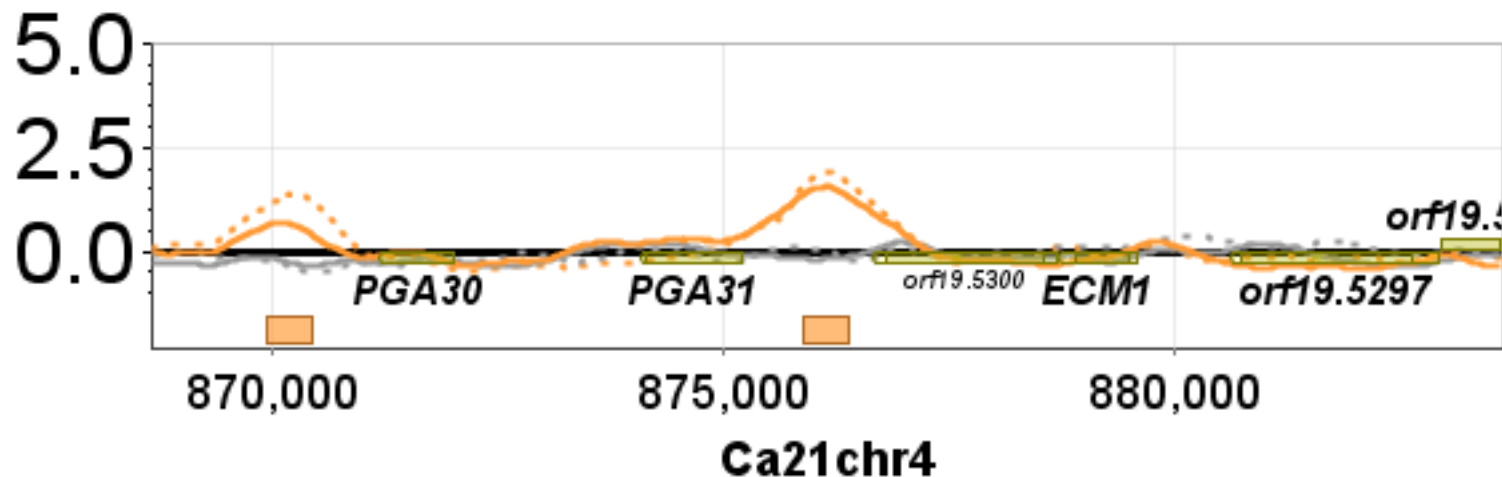
[1.915] Ca21chr2:1830466-1845465 [+] [ntar_465, ntar_466, orf19.204, ntar_464, orf19.206]



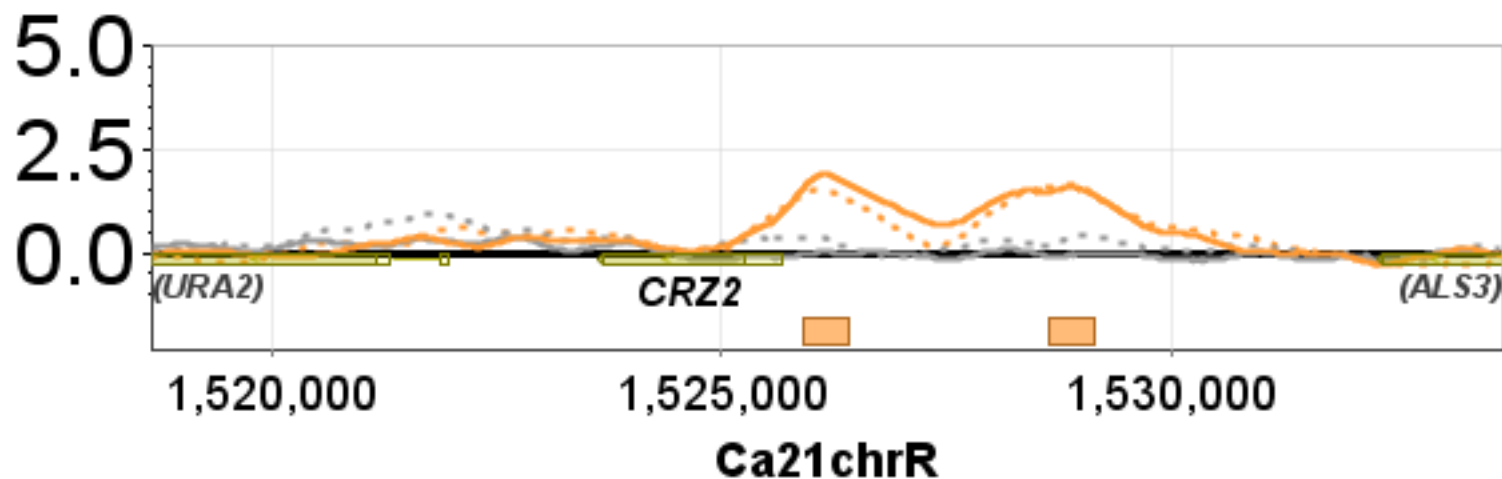
[1.905] Ca21chrR:2151455-2166454 [+] [INO1, CHT3, ntar_1403, orf19.7583, orf19.7588]



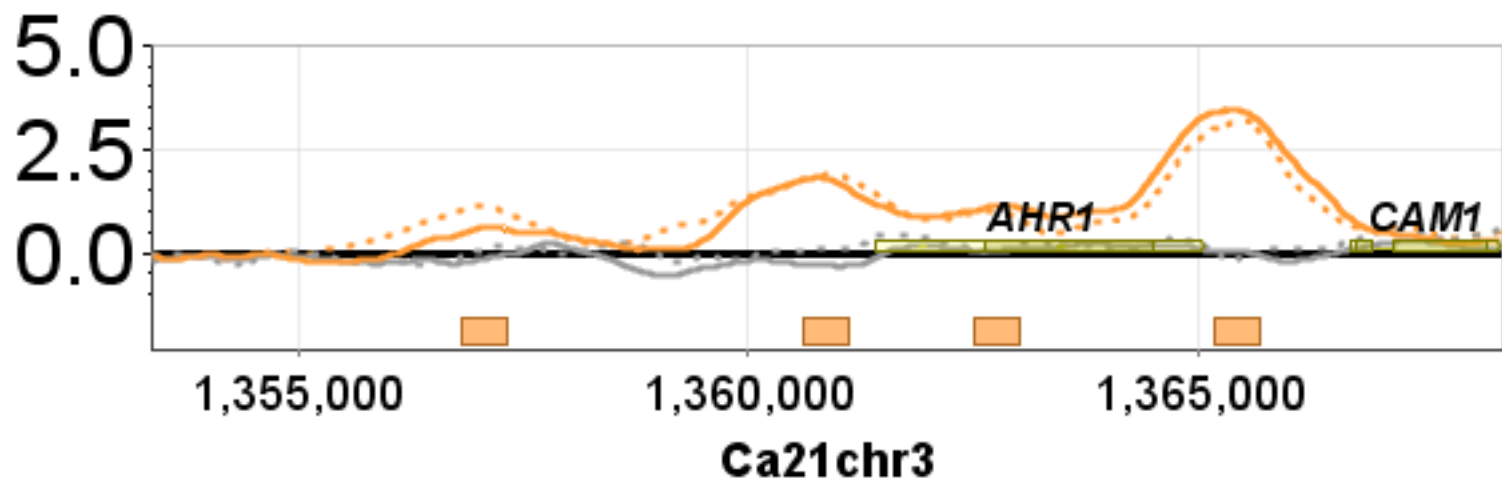
[1.903] Ca21chr4:868645-883644 [+] [PGA31, orf19.5300, ECM1, ntar_792, PGA30]



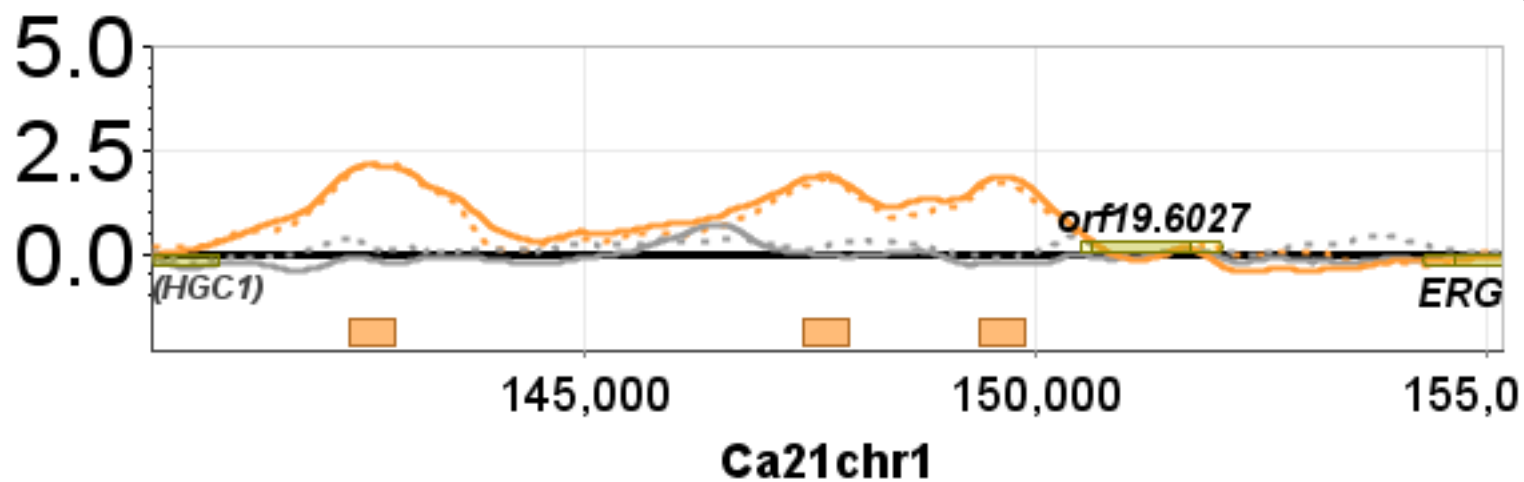
[1.897] Ca21chrR:1518664-1533663 [+] [CRZ2, ntar_1331, URA2, ALS3]



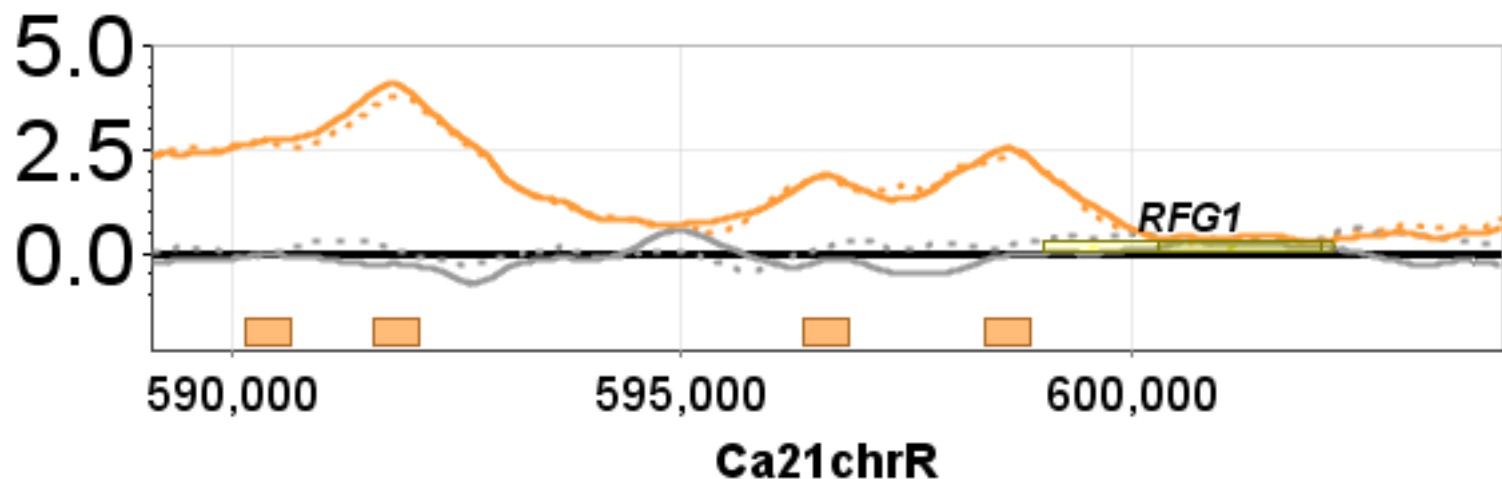
[1.891] Ca21chr3:1353361-1368360 [+] [orf19.7381, CAM1]



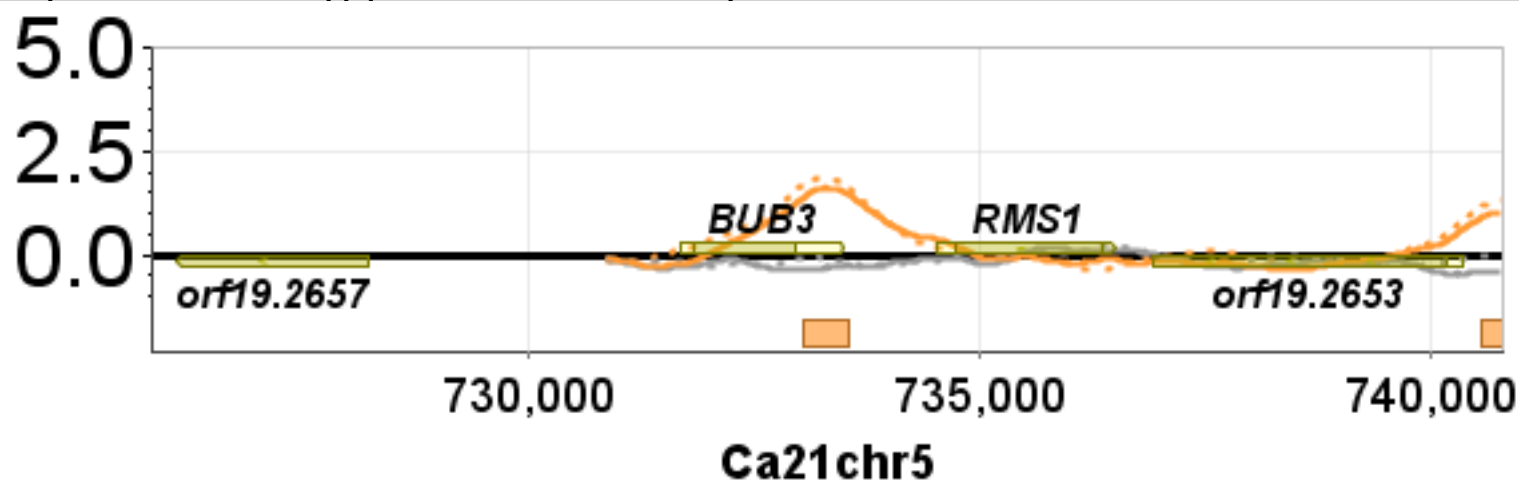
[1.889] Ca21chr1:140169-155168 [+] [ntar_16, orf19.6027, HGC1, ERG2]



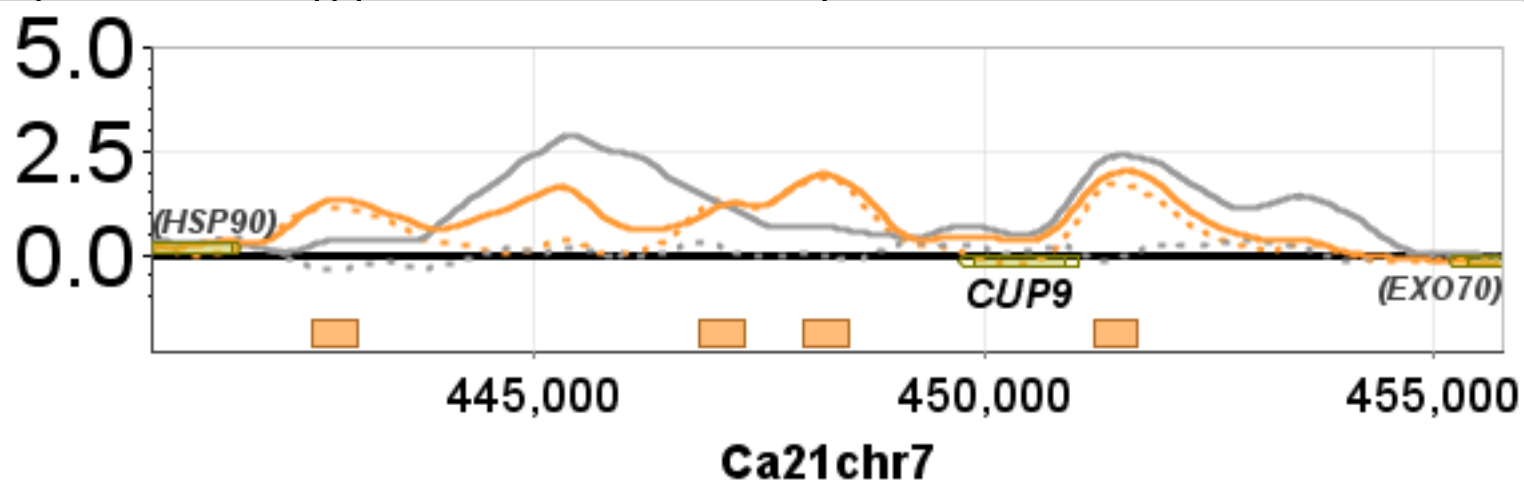
[1.875] Ca21chrR:589102-604101 [+] [RFG1, ntar_1219]



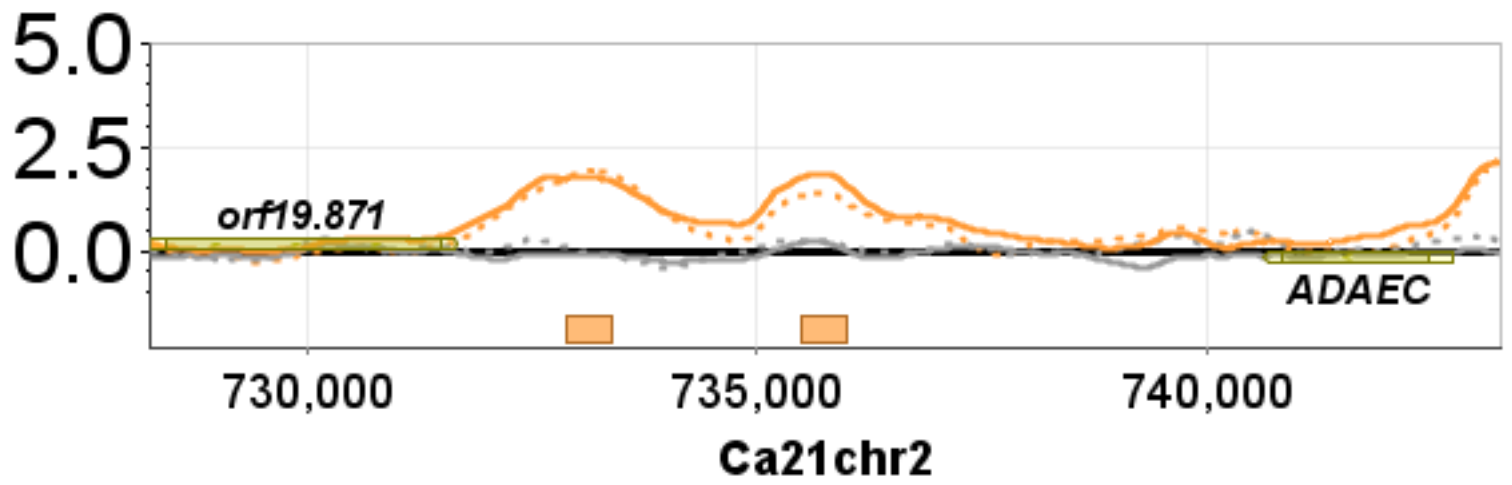
[1.871] Ca21chr5:725799-740798 [+] [RMS1, BUB3, orf19.2657, orf19.2653]



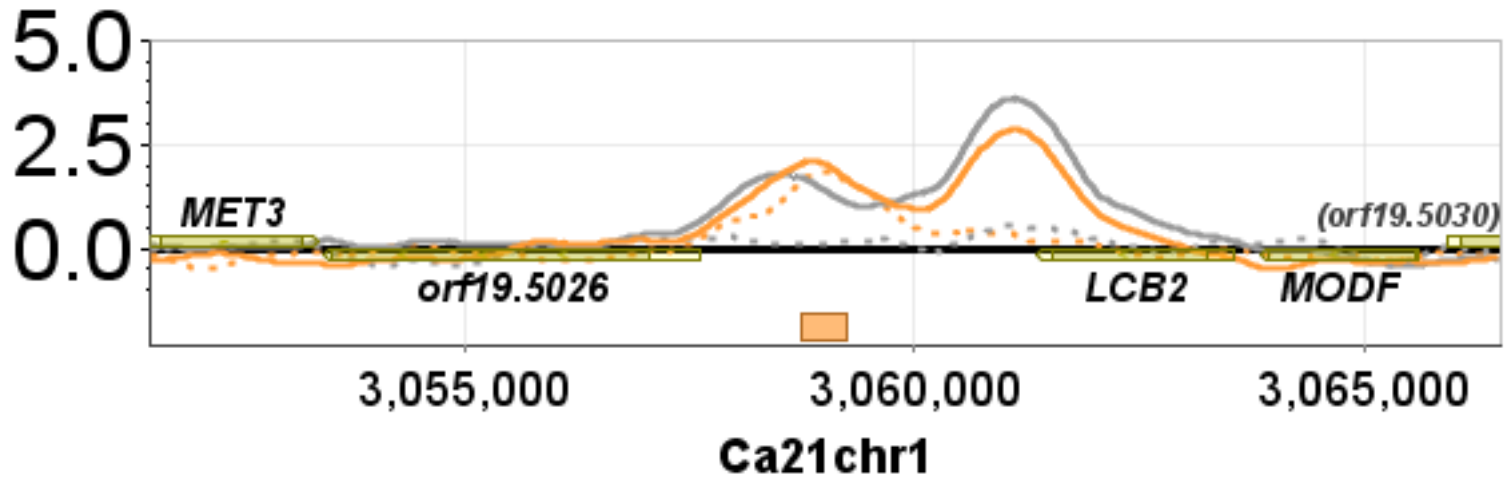
[1.87] Ca21chr7:440744-455743 [+] [ntar_1102, ntar_1103, CUP9, ntar_1101, HSP90]



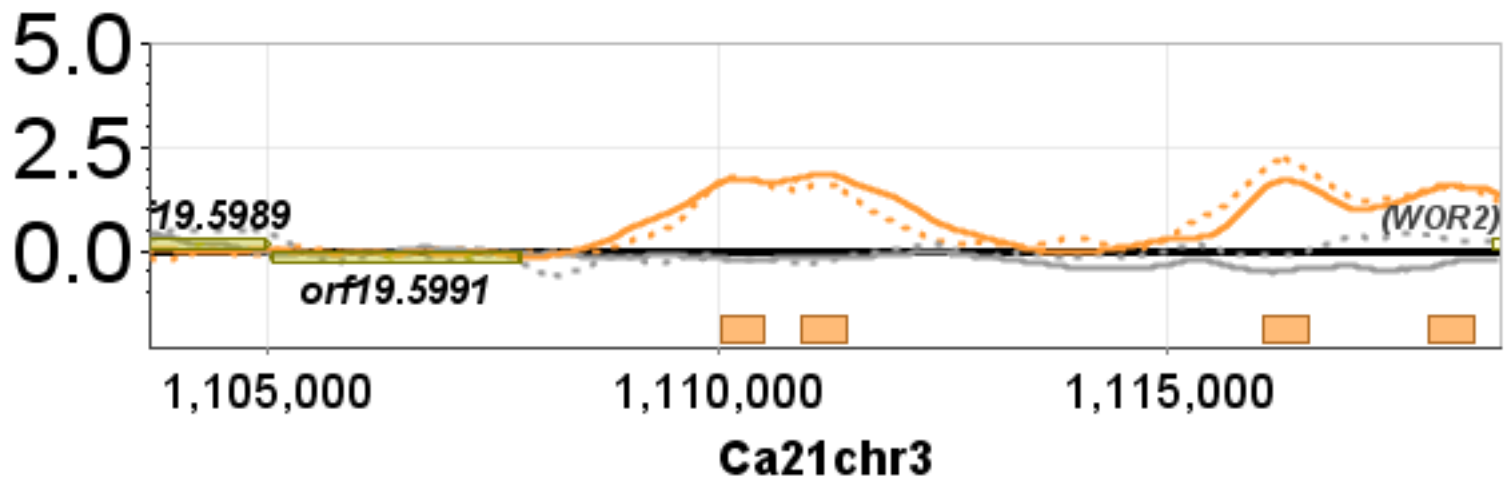
[1.868] Ca21chr2:728249-743248 [+] [ntar_353, ntar_354, ADAEC, orf19.871]



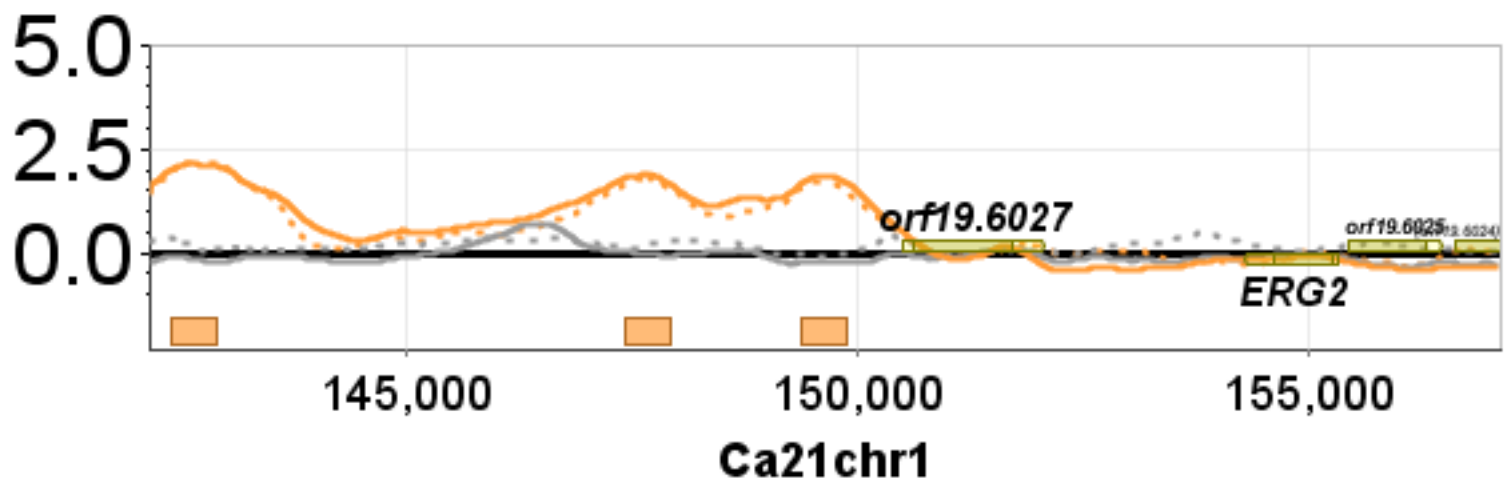
[1.866] Ca21chr1:3051500-3066499 [+] [orf19.5026, ntar_274, ntar_275, ta(aqc)7, LCB2]



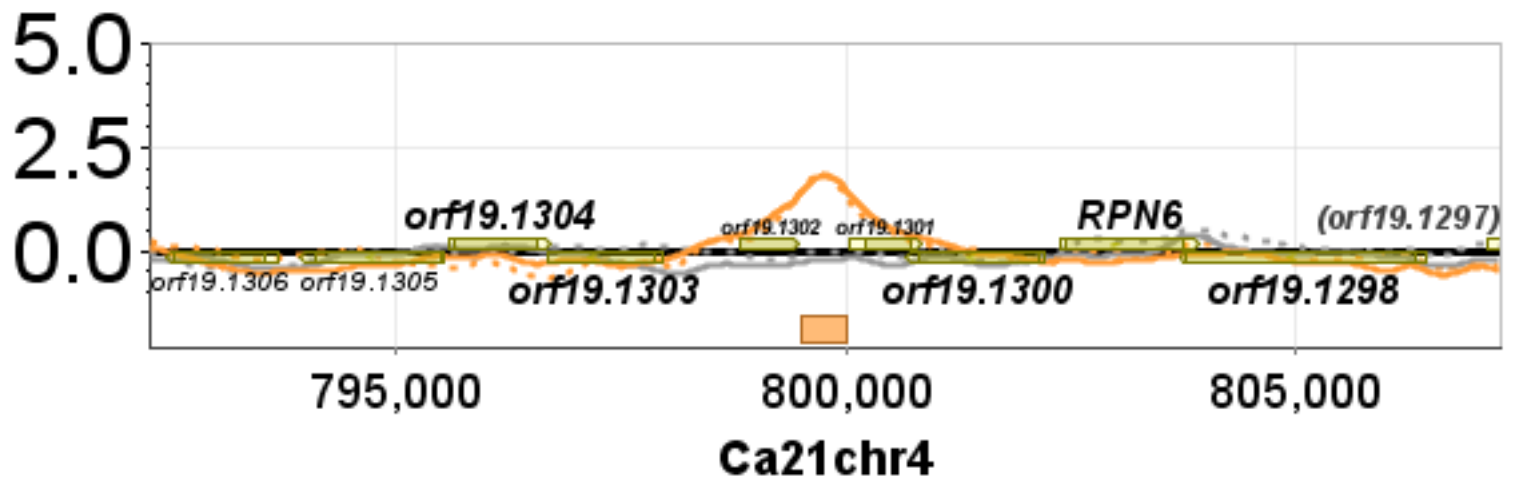
[1.862] Ca21chr3:1103684-1118683 [+] [ntar_613, orf19.5991, WOR2, orf19.5989]



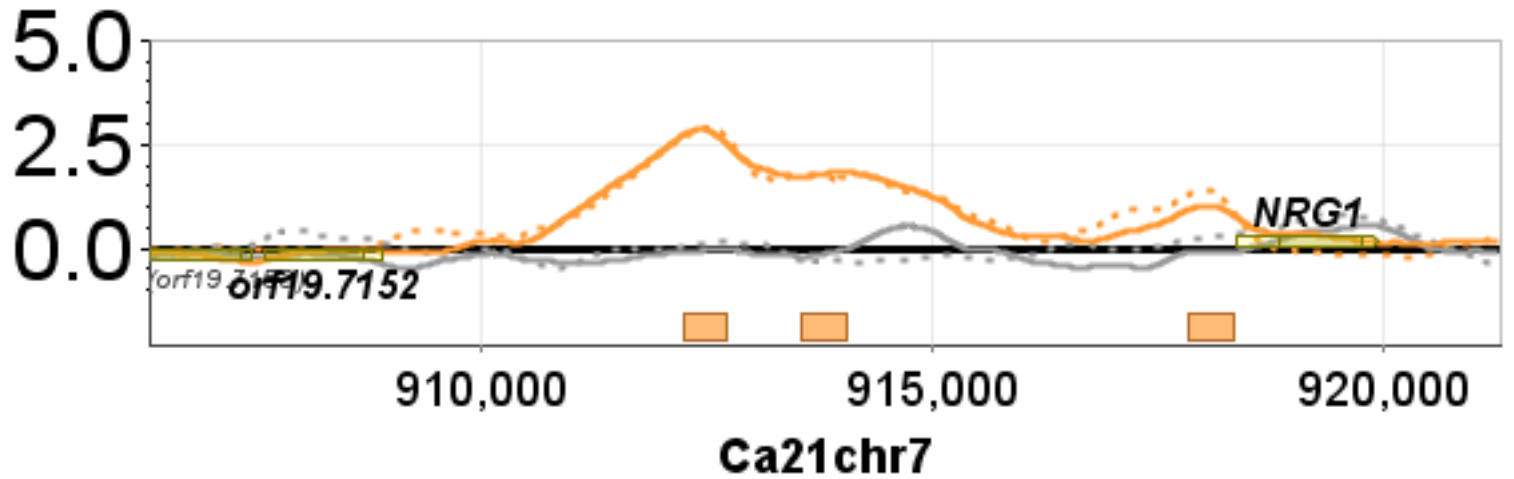
[1.858] Ca21chr1:142134-157133 [+] [orf19.6027, ntar_16, ERG2, orf19.6025, orf19.6024]



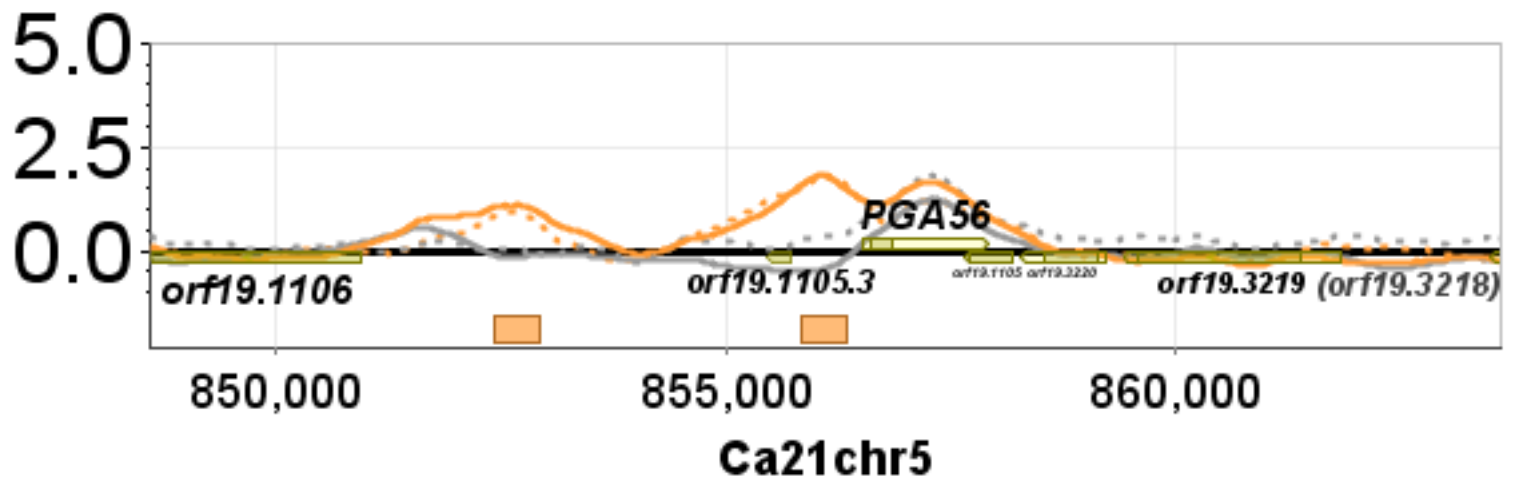
[1.853] Ca21chr4:792263-807262 [+] [orf19.1301, orf19.1302, orf19.1303, orf19.1300, RPN6]



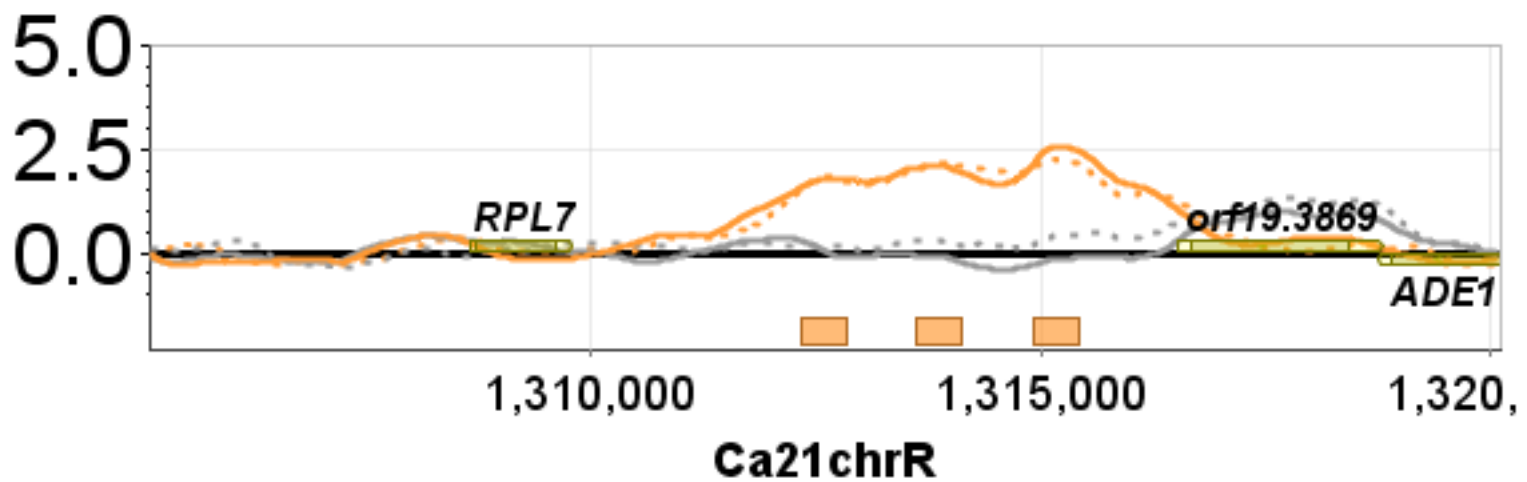
[1.835] Ca21chr7:906300-921299 [+] [ntar_1151, ntar_1152, orf19.7151, ntar_1153, NRG1]



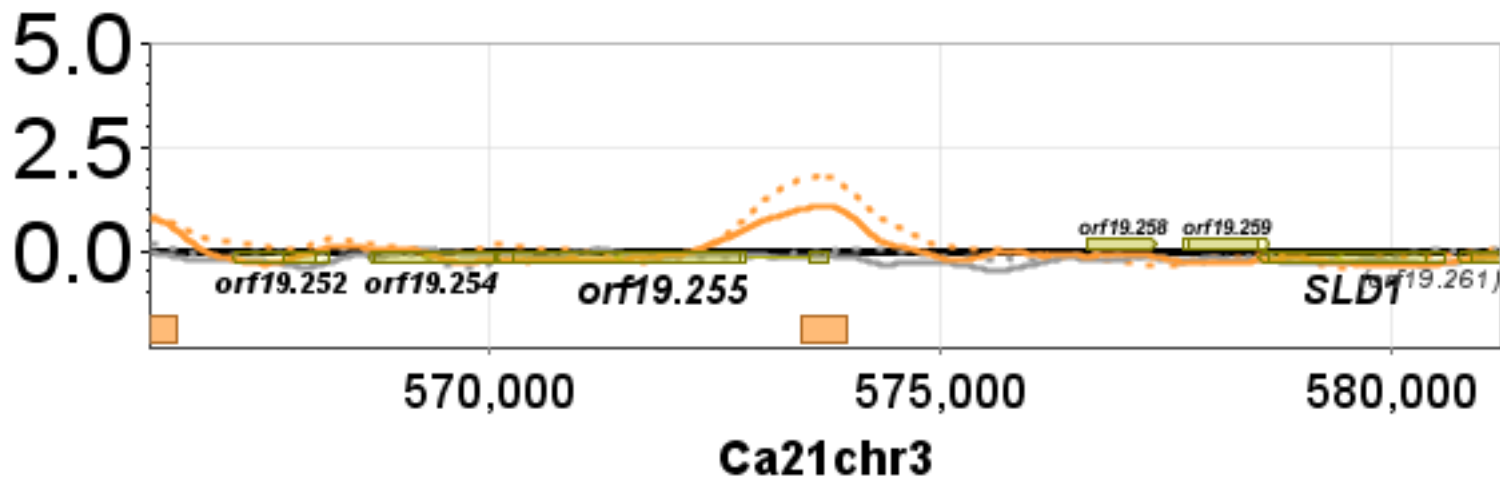
[1.831] Ca21chr5:848597-863596 [+] [orf19.1105.3, PGA56, orf19.1105, orf19.3220, orf19.1106]



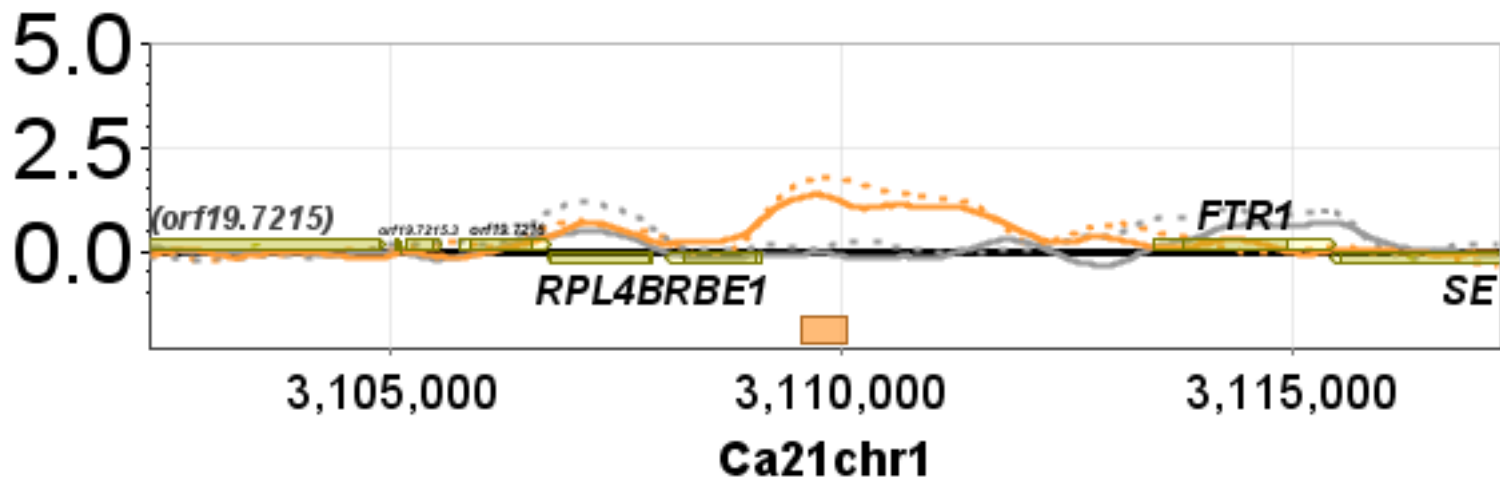
[1.831] Ca21chrR:1305098-1320097 [+] [ntar_1302, ntar_1301, ntar_1300, orf19.3868, RPL7]



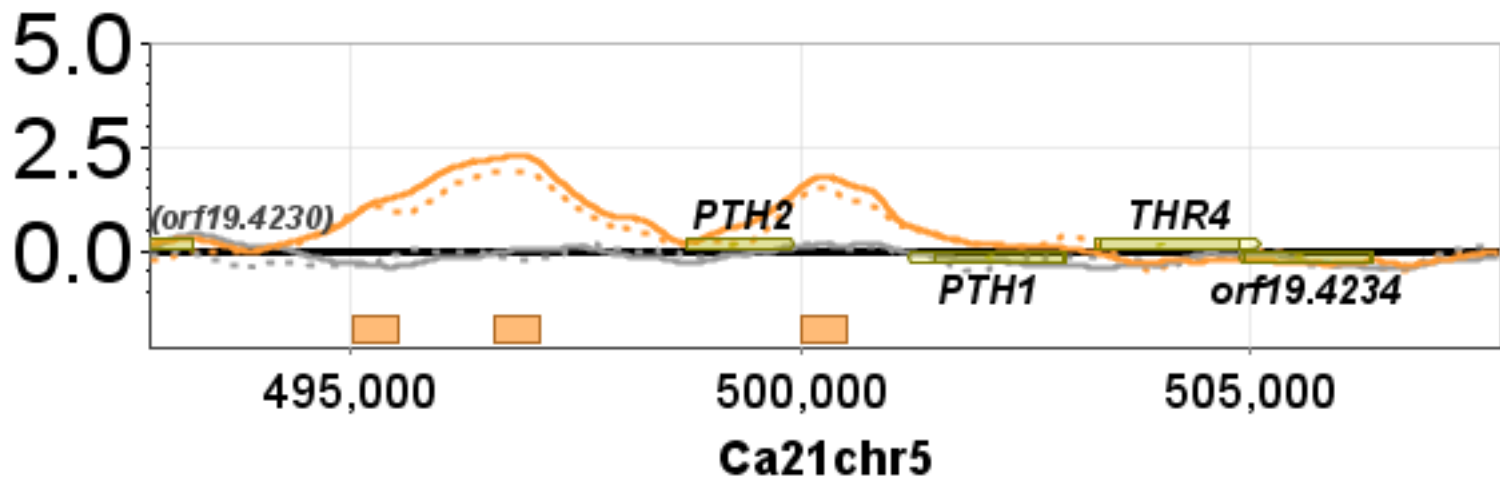
[1.815] Ca21chr3:566209-581208 [+] [orf19.255, orf19.257, orf19.258, orf19.254, orf19.259]



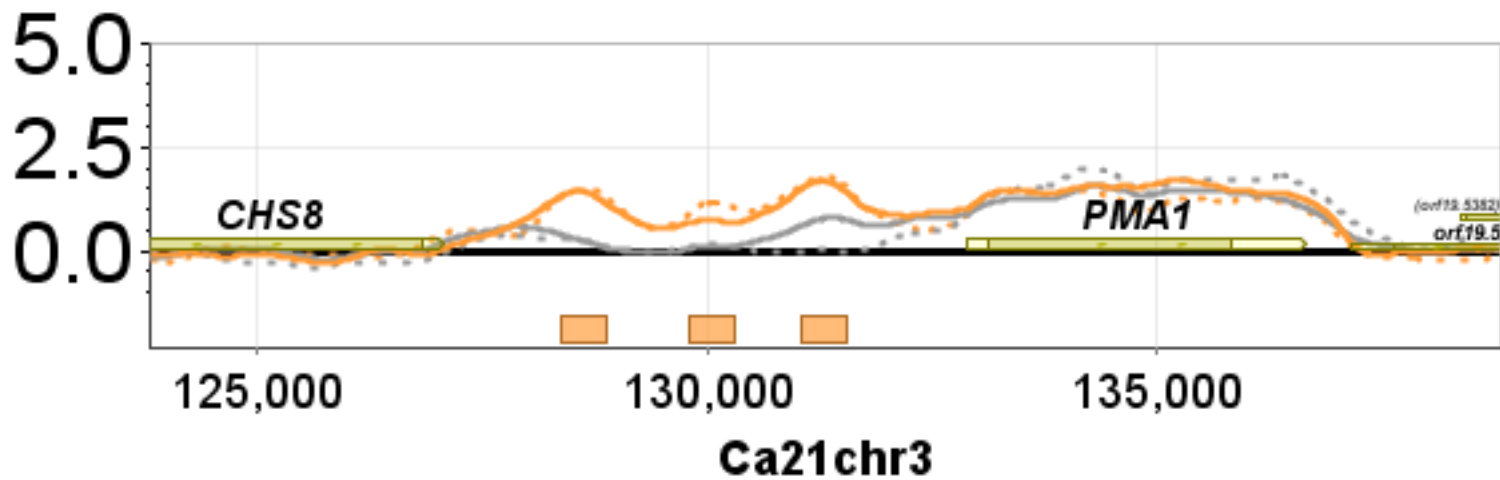
[1.804] Ca21chr1:3102311-3117310 [+] [RBE1, RPL4B, ntar_278, FTR1, orf19.7216]



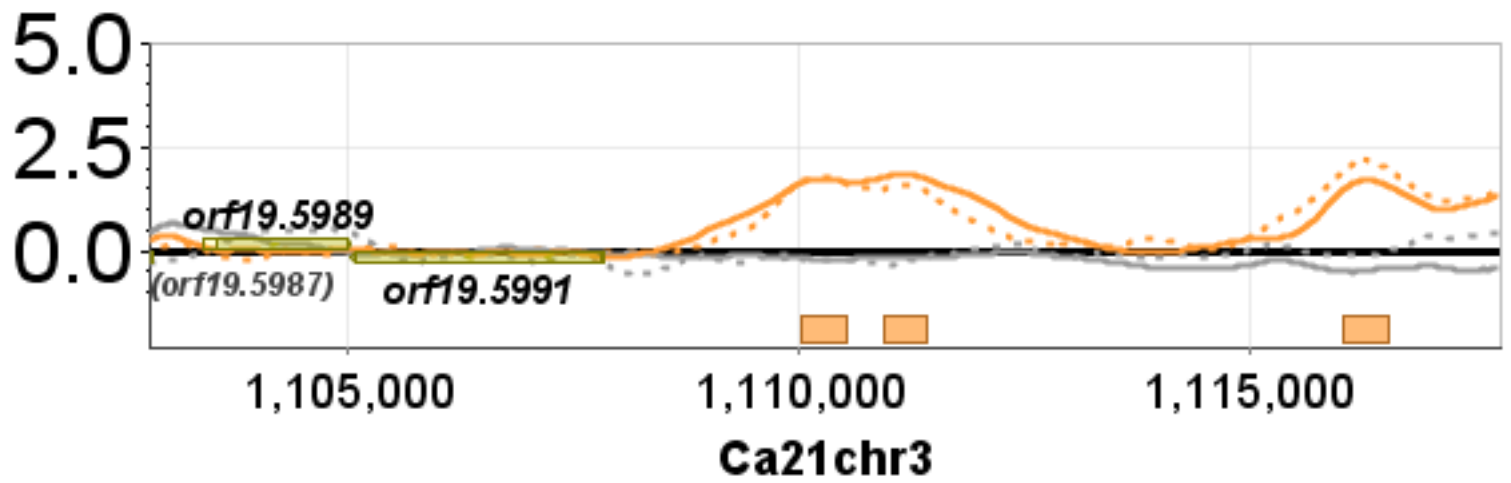
[1.784] Ca21chr5:492758-507757 [+] [ntar_890, PTH2, PTH1, THR4, orf19.4234]



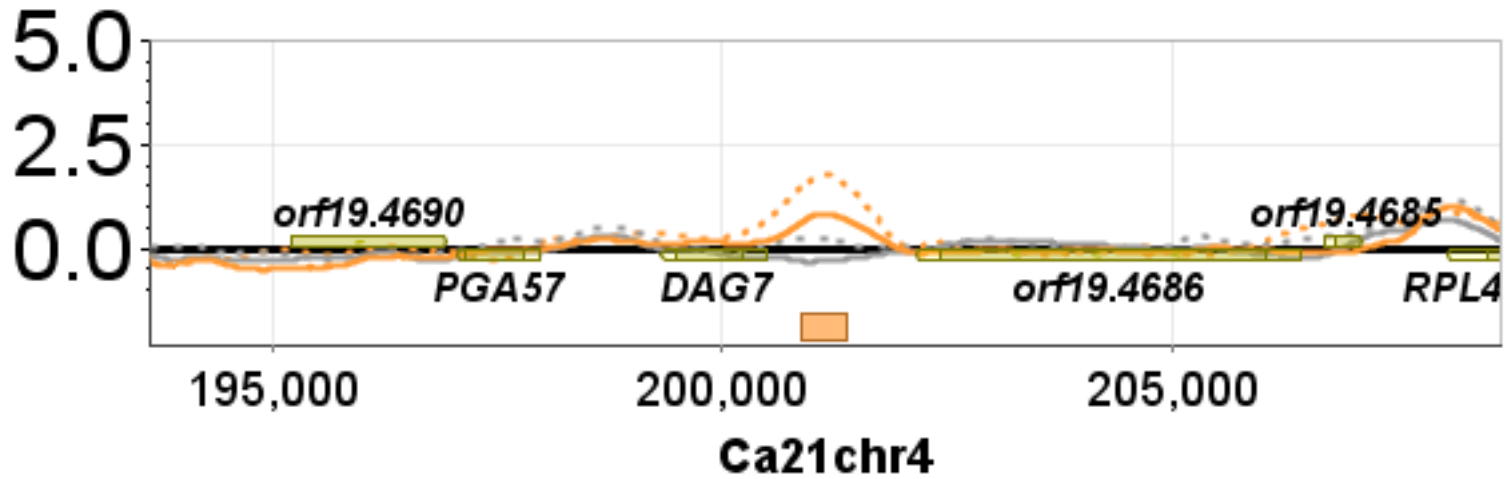
[1.77] Ca21chr3:123801-138800 [+] [ntar_534, ntar_533, PMA1, ntar_532, ntar_531]



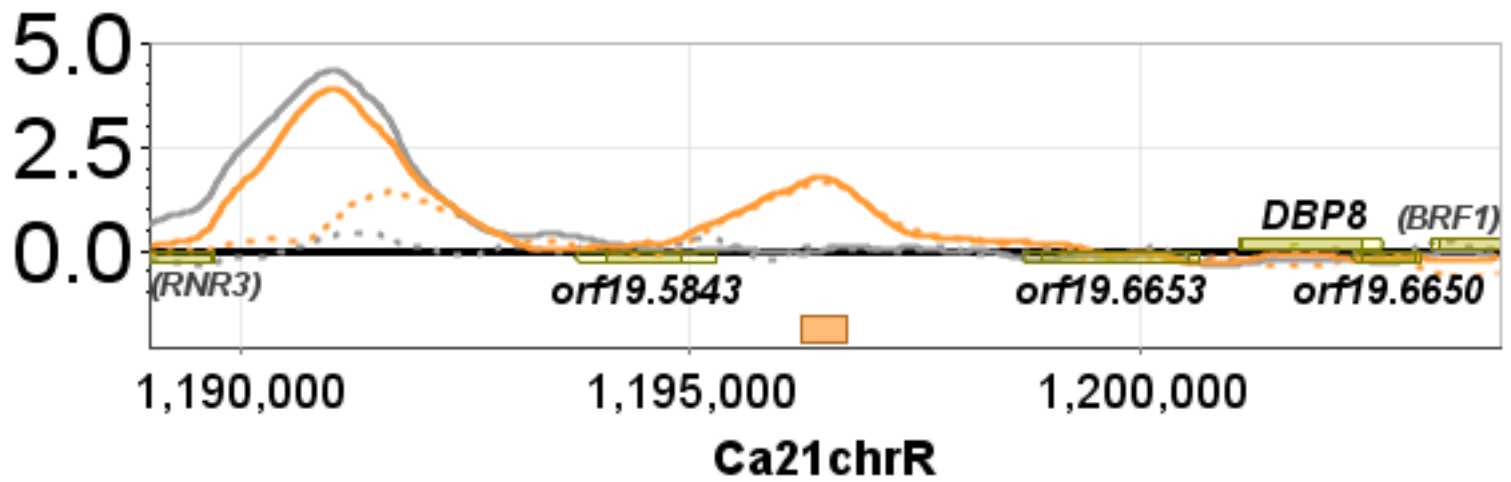
[1.766] Ca21chr3:1102778-1117777 [+] [ntar_613, orf19.5991, orf19.5989, orf19.5987]



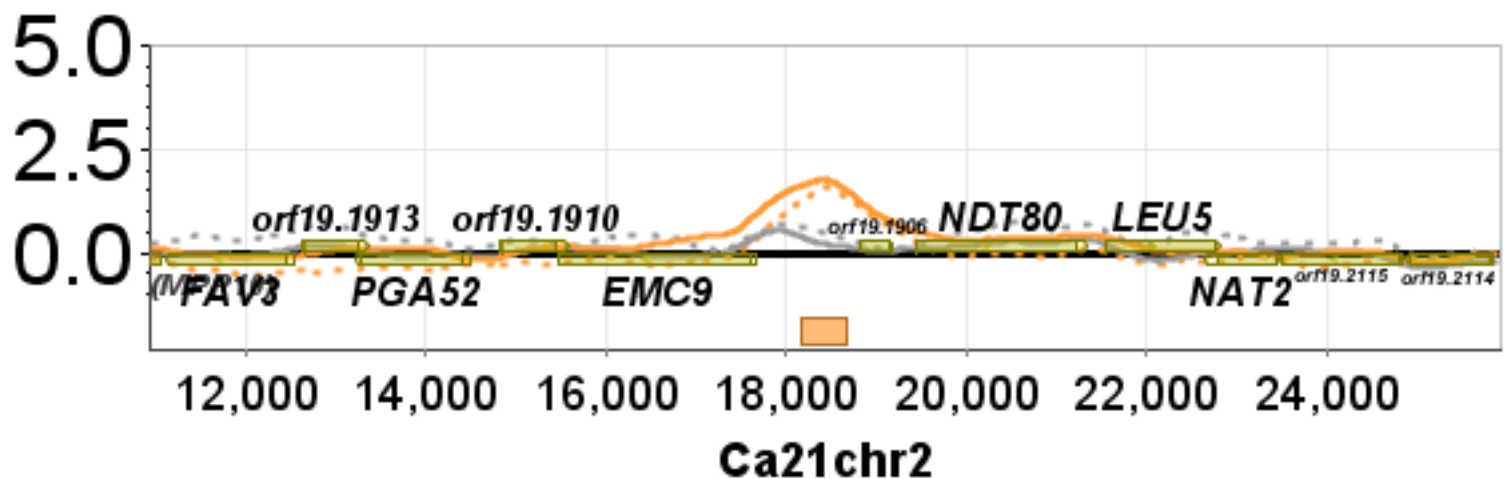
[1.761] Ca21chr4:193632-208631 [+] [DAG7, ntar_726, PGA57, orf19.4686, orf19.4685]



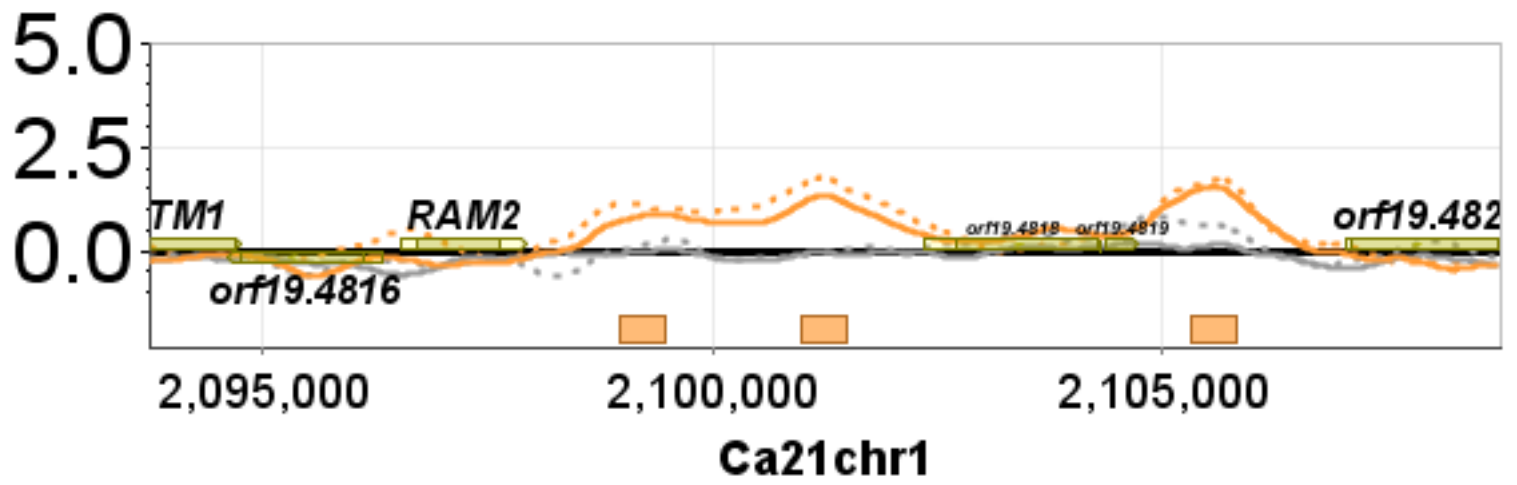
[1.761] Ca21chrR:1188983-1203982 [+] [orf19.5843, ntar_1289, orf19.6653, DBP8, tc(gca)1]



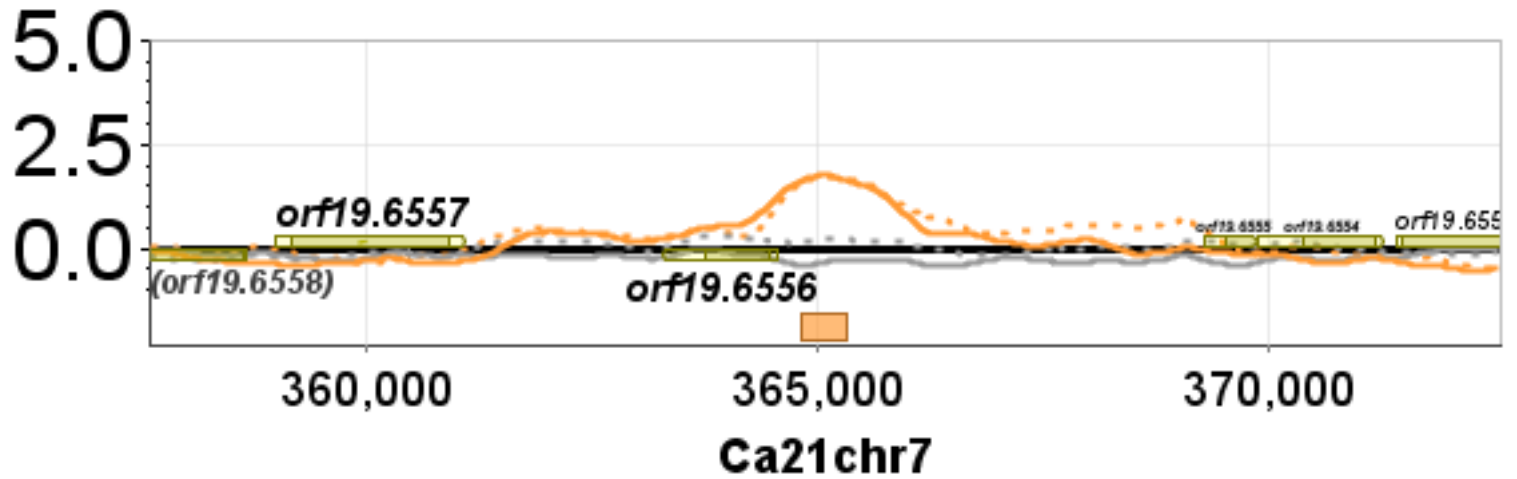
[1.76] Ca21chr2:10918-25917 [+] [orf19.1906, EMC9, ntar_288, NDT80, LEU5]



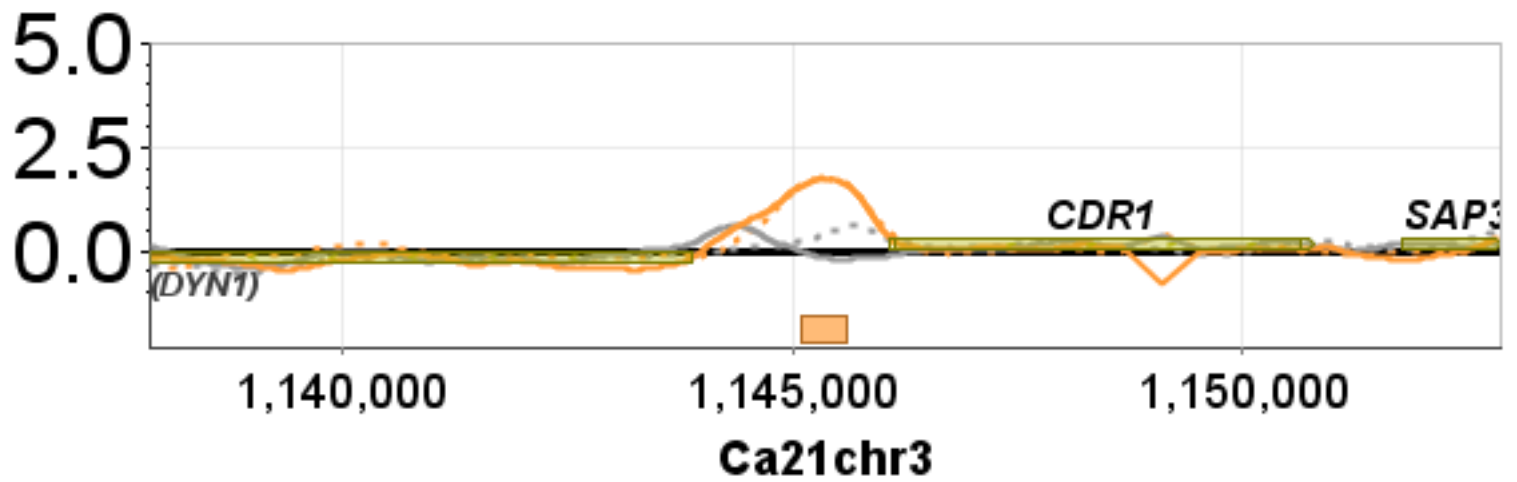
[1.755] Ca21chr1:2093739-2108738 [+] [ntar_197, orf19.4818, orf19.4819, RAM2, ntar_198]



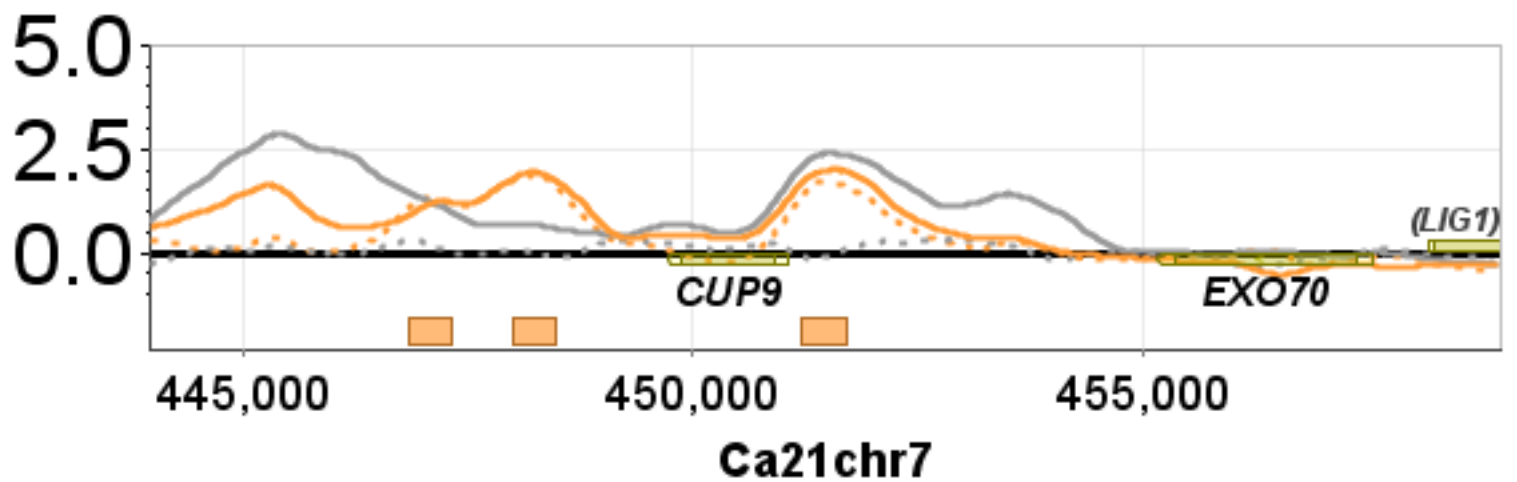
[1.752] Ca21chr7:357574-372573 [+] [orf19.6556, ntar_1094, ntar_1093, orf19.6555, orf19.6554]



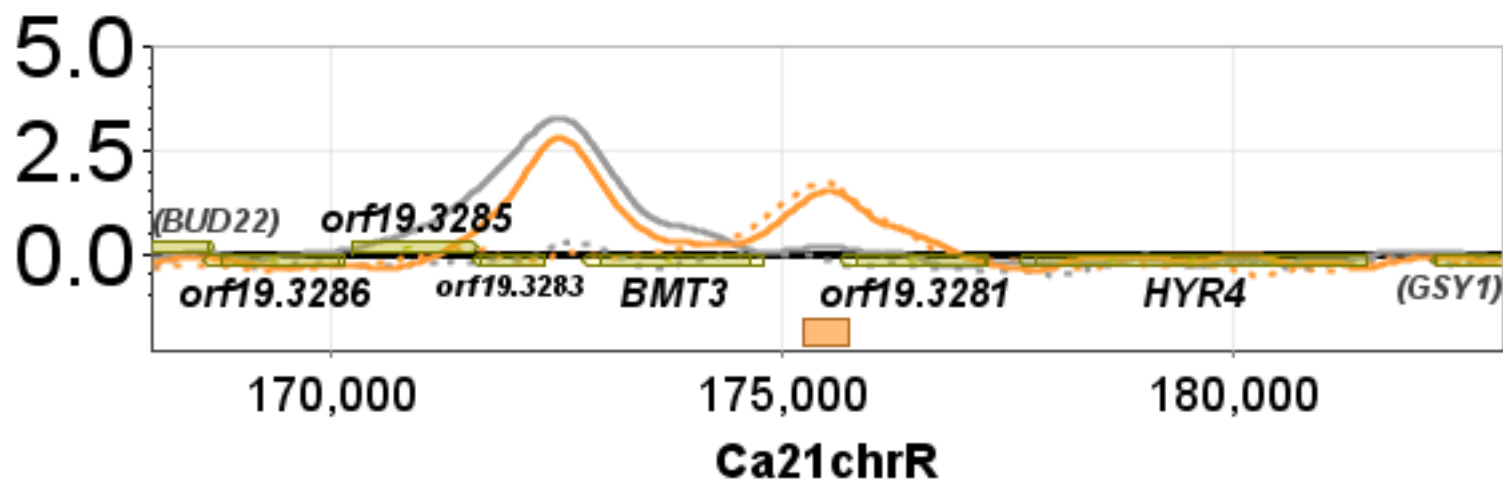
[1.747] Ca21chr3:1137855-1152854 [+] [CDR1, DYN1, SAP3, ntar_620]



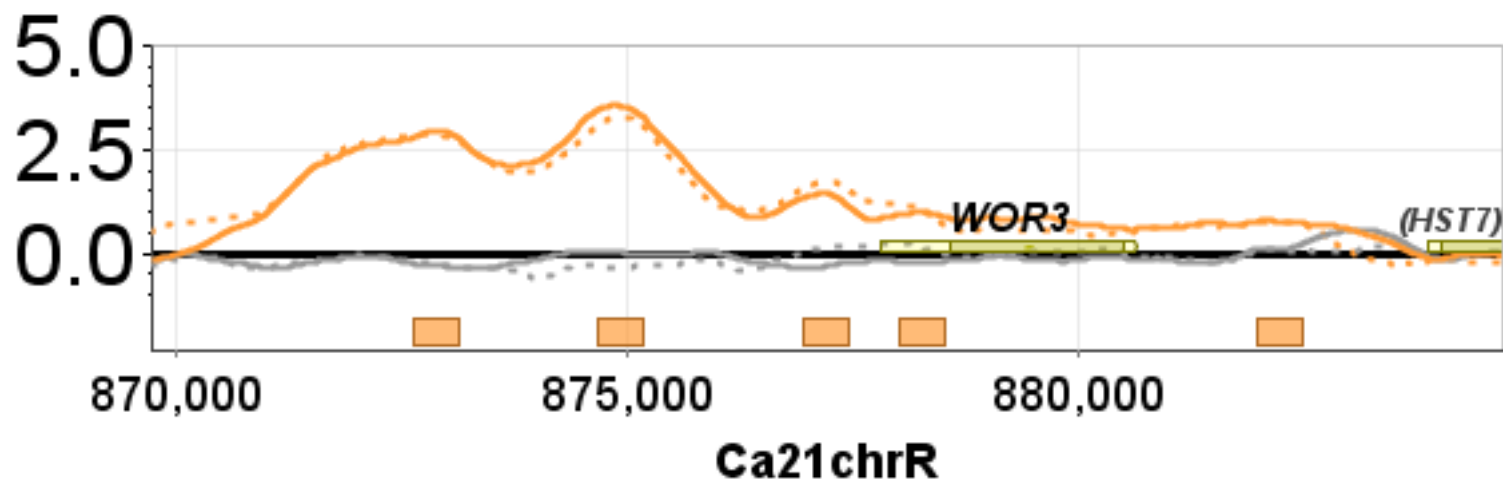
[1.742] Ca21chr7:443961-458960 [+] [CUP9, ntar_1102, ntar_1103, EXO70, ntar_1101]



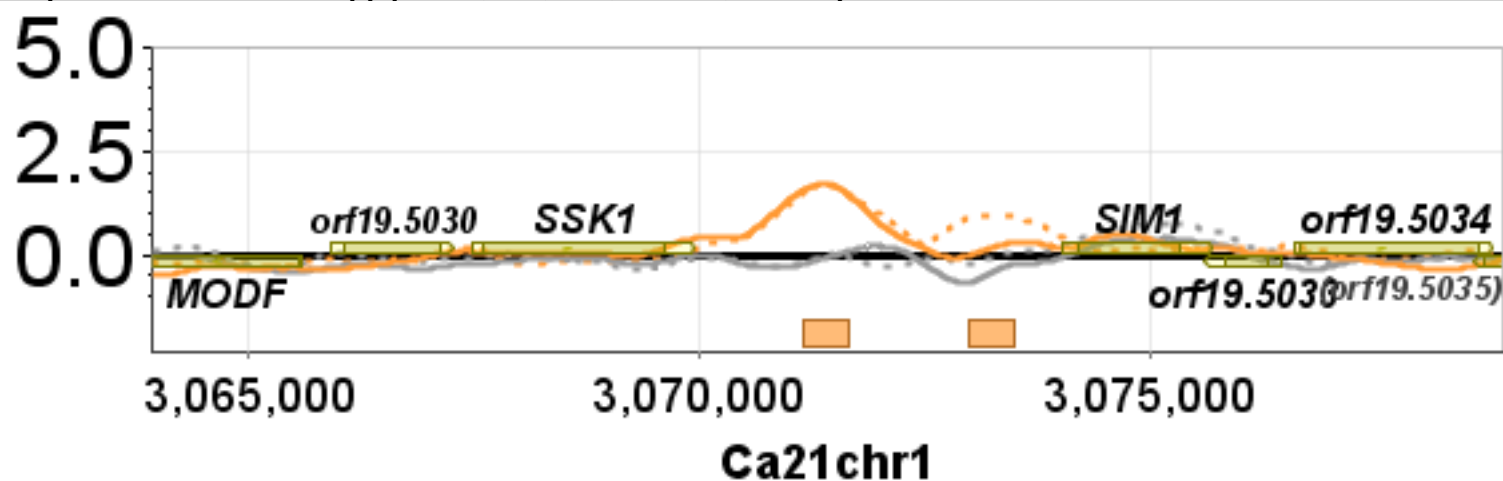
[1.734] Ca21chrR:167985-182984 [+] [ntar_1167, BMT3, orf19.3281, orf19.3280, tt(agu)3]



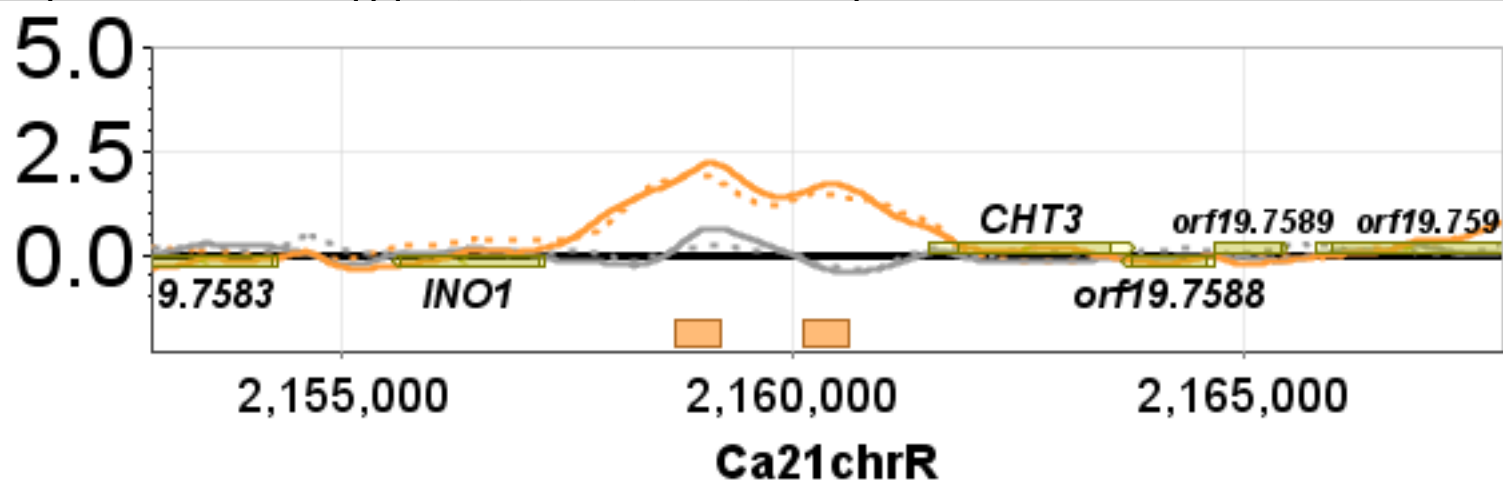
[1.728] Ca21chrR:869709-884708 [+] [orf19.467, ntar_1253, ntar_1254, ntar_1255, HST7]



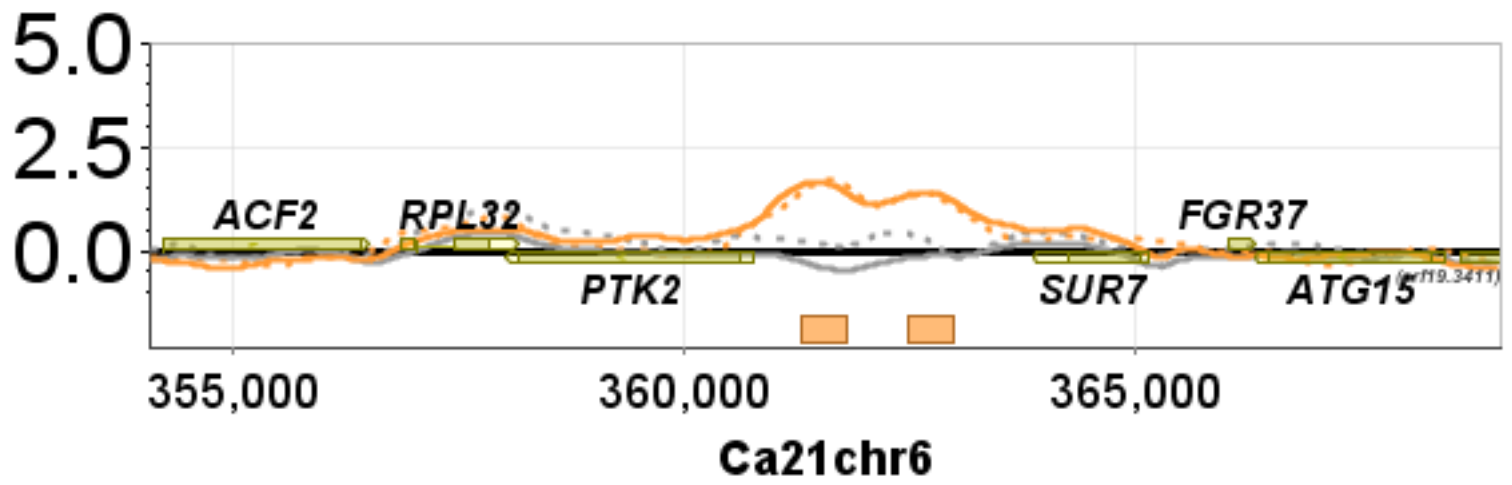
[1.723] Ca21chr1:3063912-3078911 [+] [ntar_277, SIM1, SSK1, orf19.5033, orf19.5034]



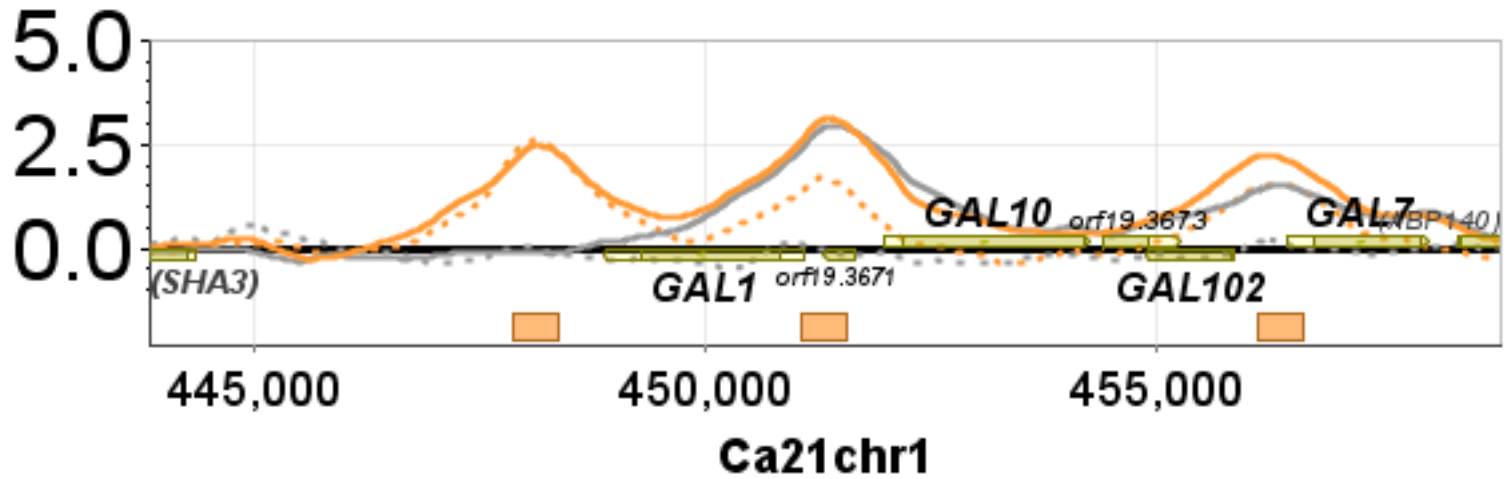
[1.717] Ca21chrR:2152873-2167872 [+] [CHT3, INO1, orf19.7588, orf19.7589, ntar_1404]



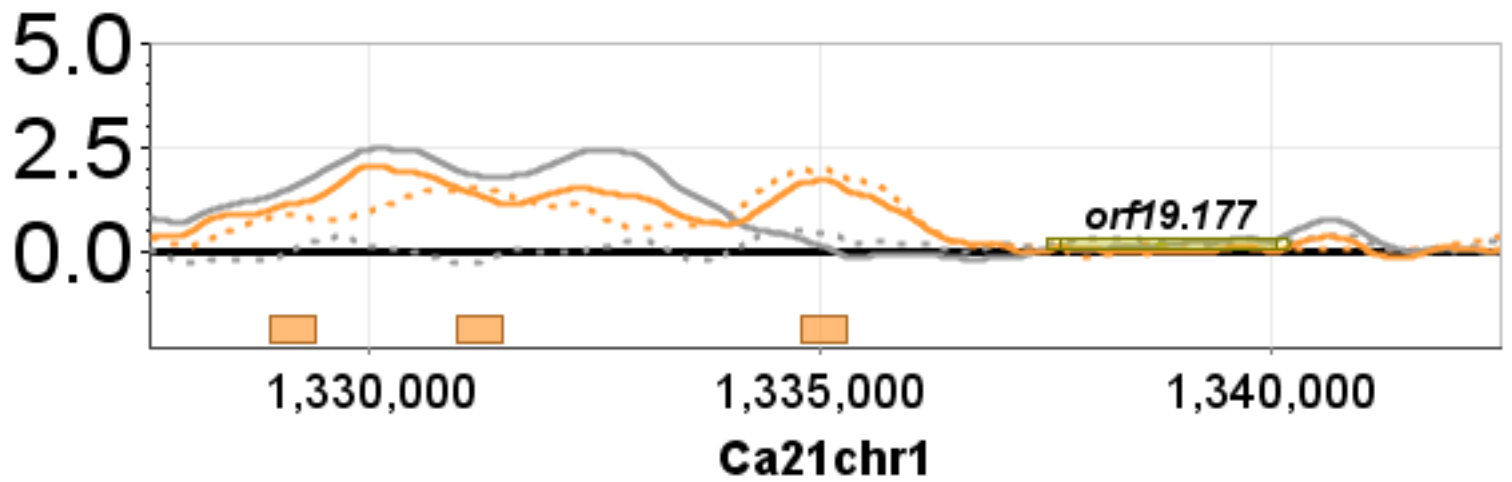
[1.707] Ca21chr6:354057-369056 [+] [PTK2, ntar_996, SUR7, FGR37, RPL32]



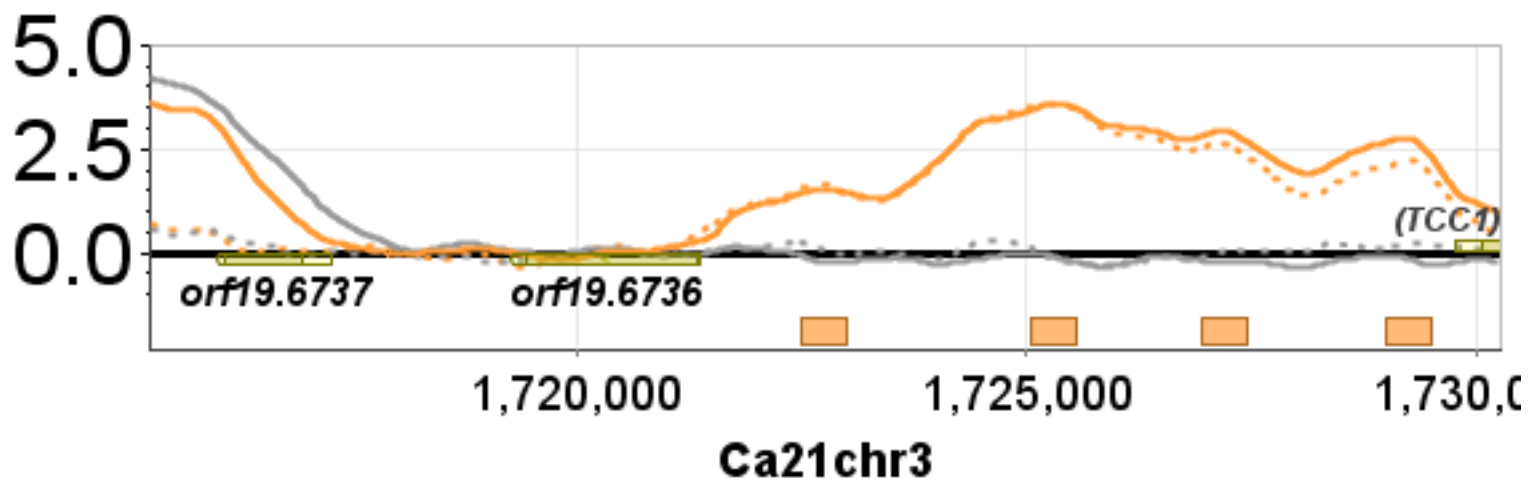
[1.698] Ca21chr1:443819-458818 [+] [GAL1, orf19.3671, GAL10, orf19.3673, ntar_43]



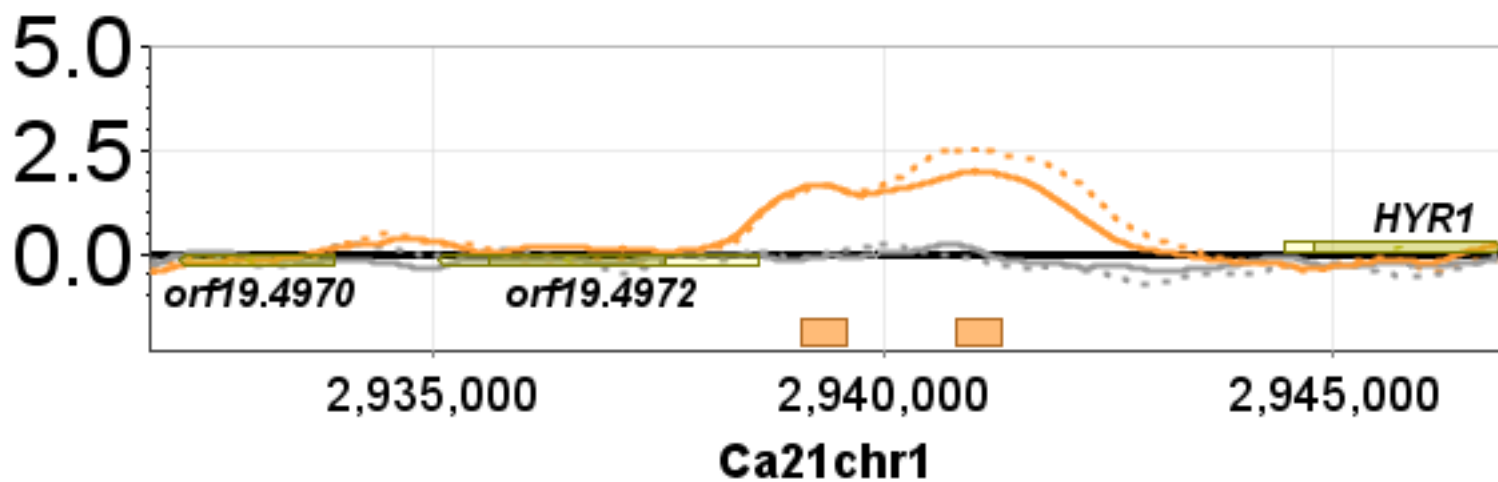
[1.698] Ca21chr1:1327545-1342544 [+] [ntar_127, orf19.177, orf19.6280]



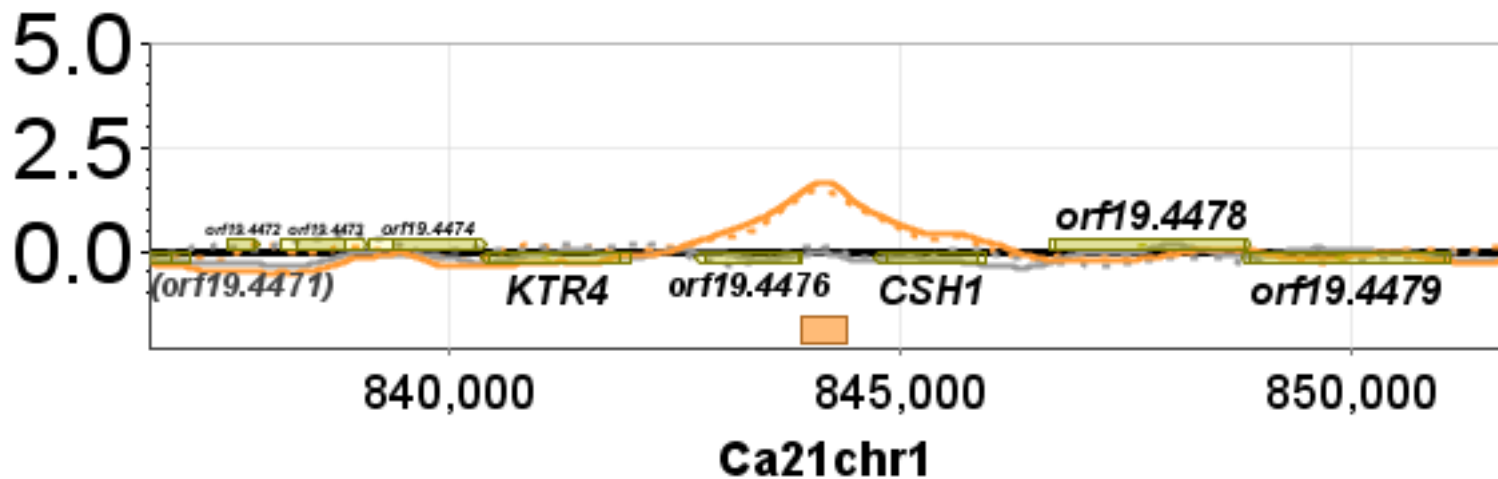
[1.672] Ca21chr3:1715248-1730247 [+] [orf19.6736, ntar_685, orf19.6737, tf(gaa)5, tr(ucu)5]



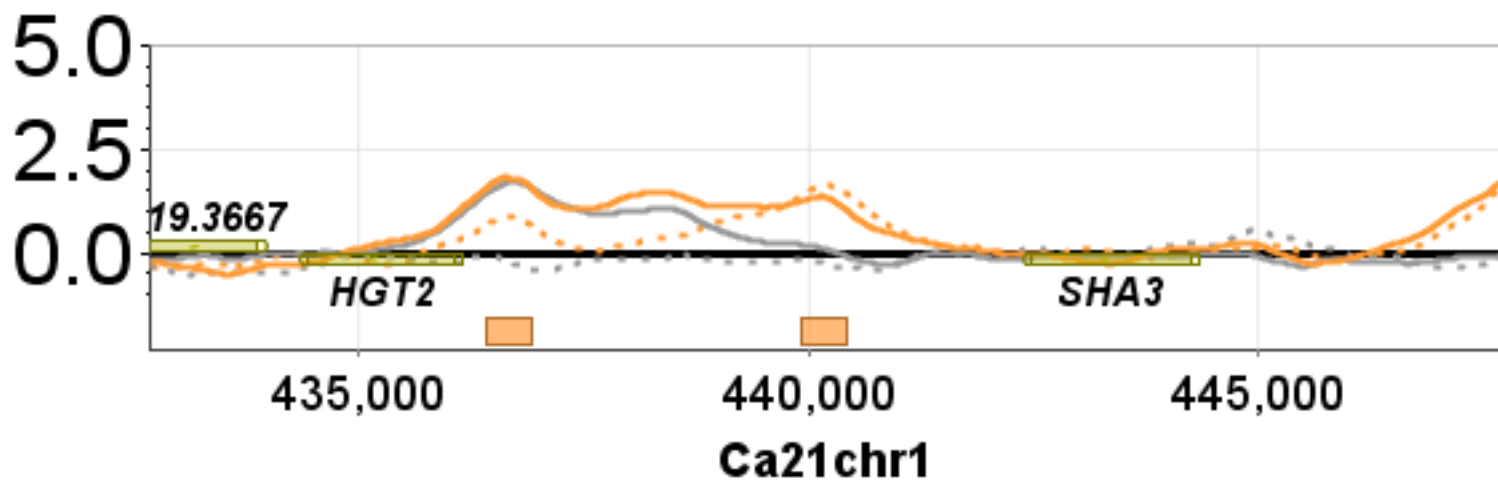
[1.663] Ca21chr1:2931847-2946846 [+] [orf19.4972, HYR1, orf19.4970]



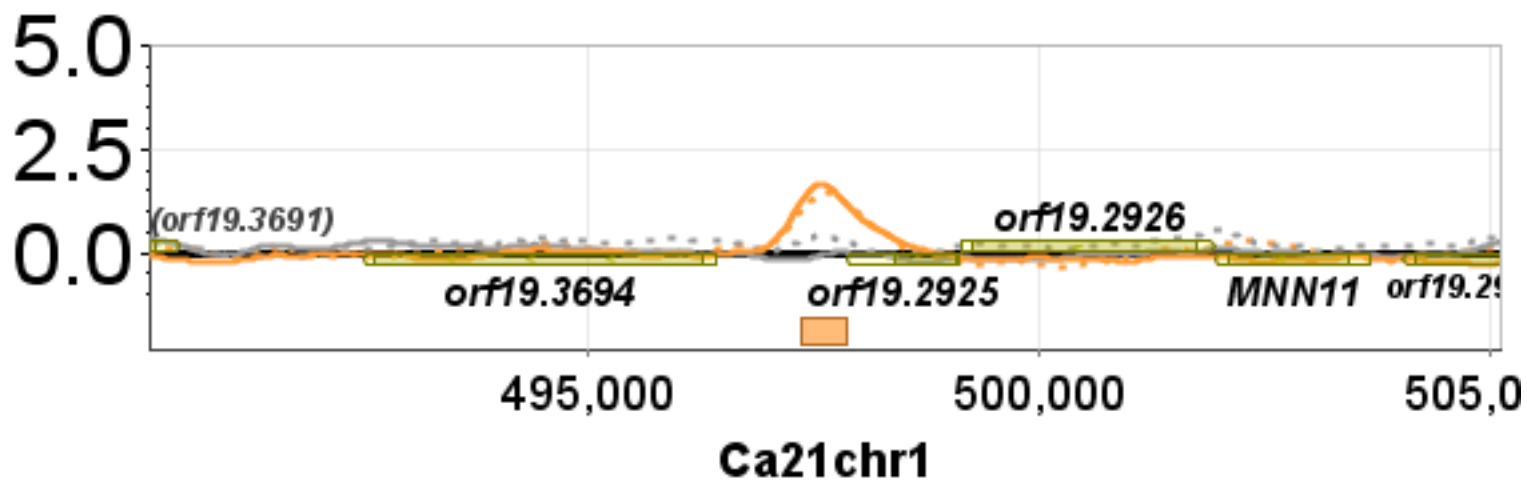
[1.658] Ca21chr1:836655-851654 [+] [orf19.4476, CSH1, KTR4, orf19.4478, orf19.4474]



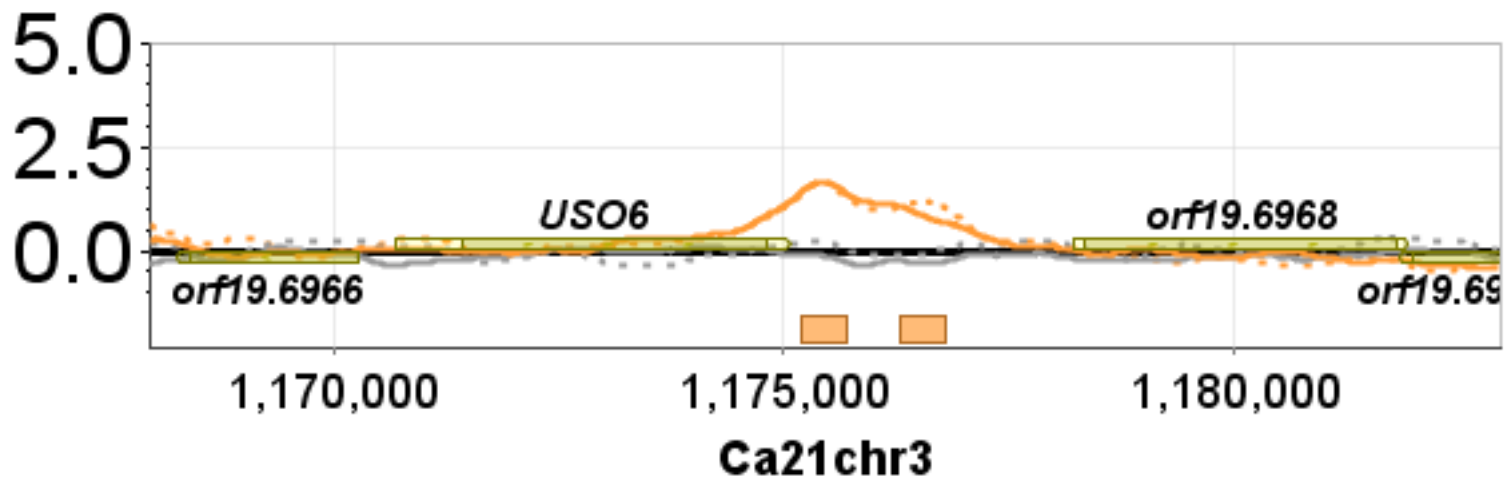
[1.654] Ca21chr1:432675-447674 [+] [HGT2, SHA3, ntar_41, ntar_40, ntar_42]



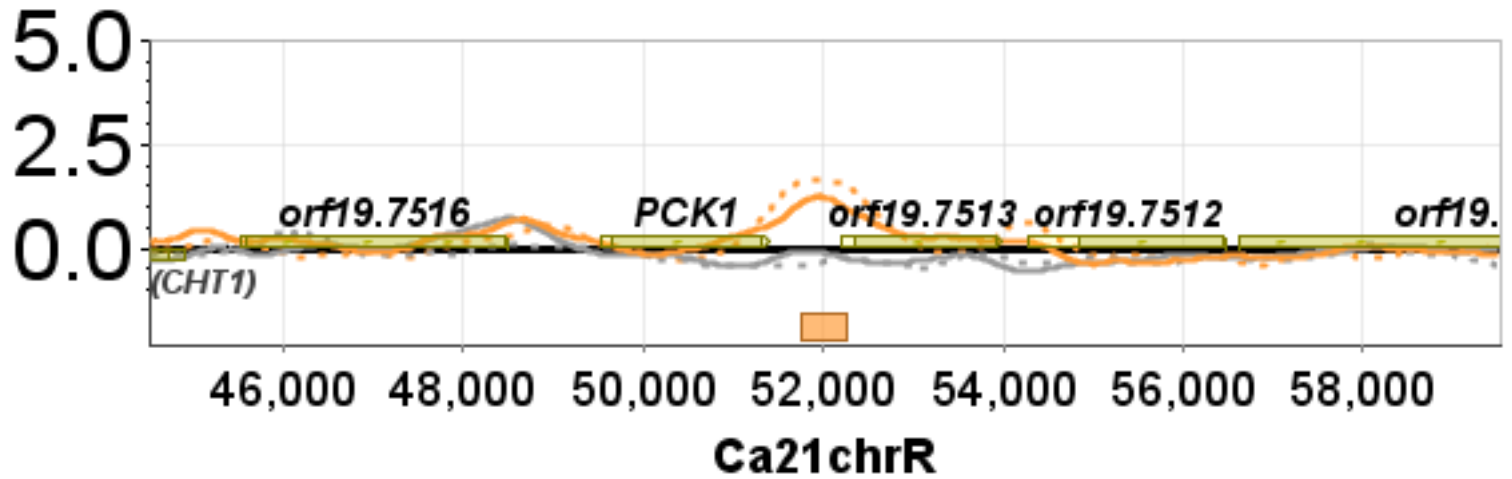
[1.649] Ca21chr1:490113-505112 [+] [orf19.3694, orf19.2925, orf19.2926, PGA5, MNN11]



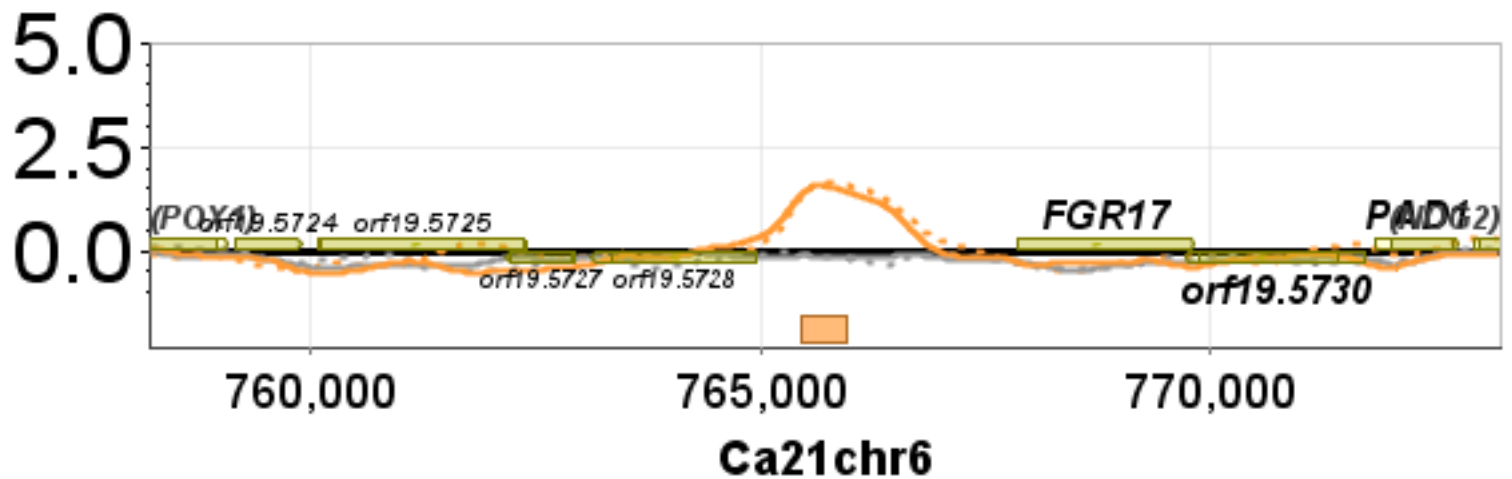
[1.649] Ca21chr3:1167950-1182949 [+] [ntar_627, ntar_626, orf19.6968, USO6, orf19.6966]



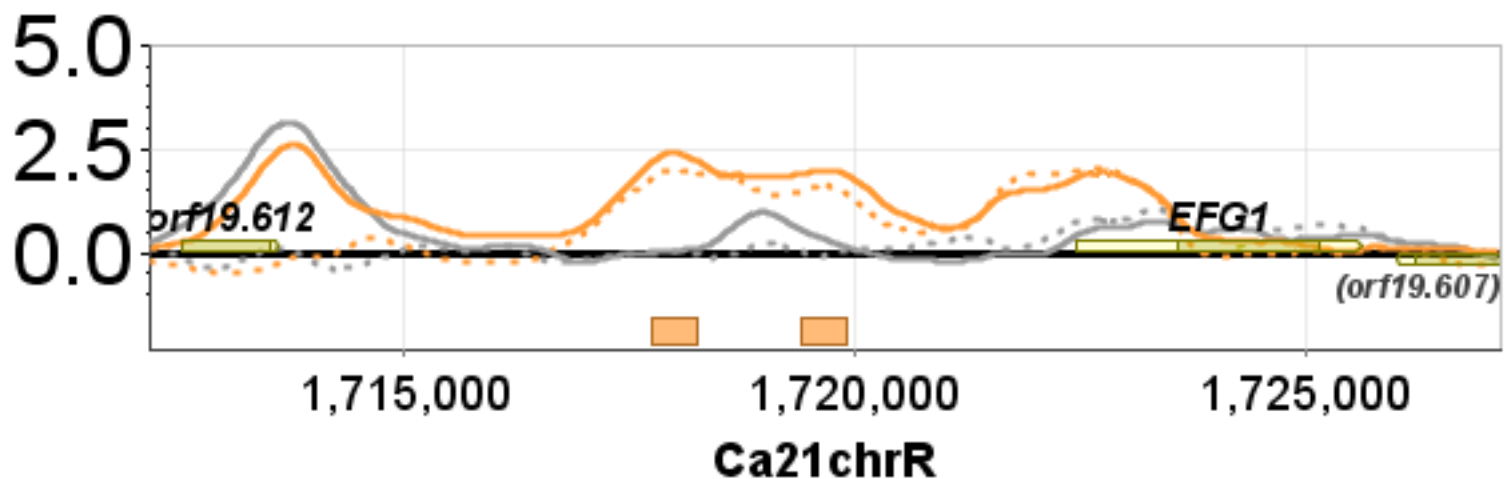
[1.649] Ca21chrR:44514-59513 [+] [orf19.7513, orf19.7512, PCK1, ntar_1158, orf19.7511]

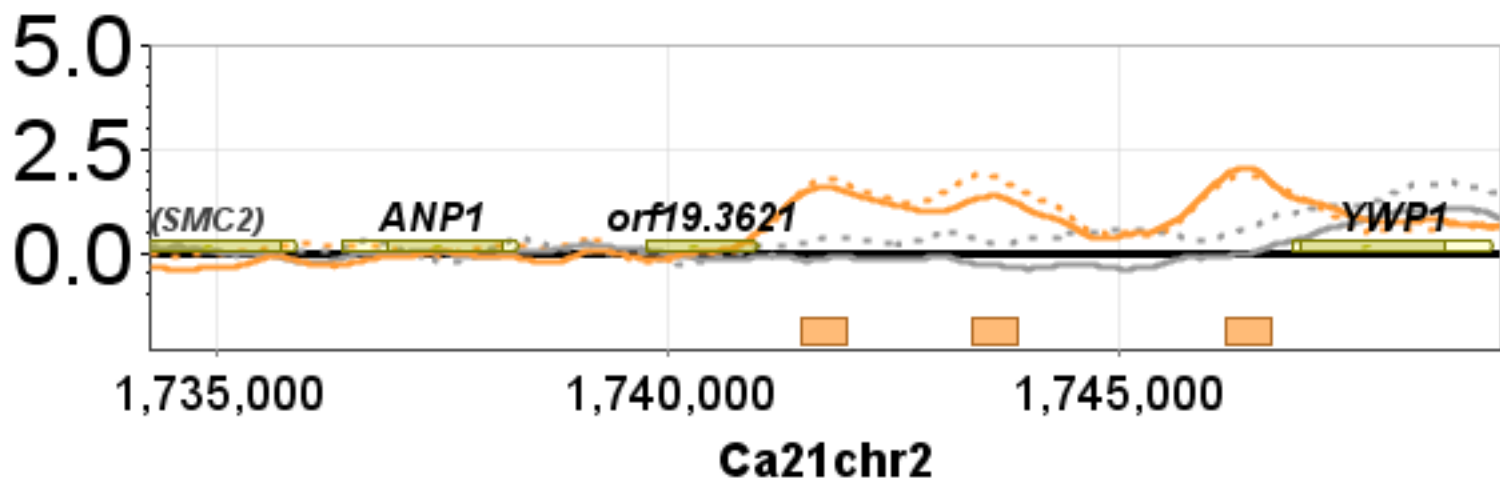
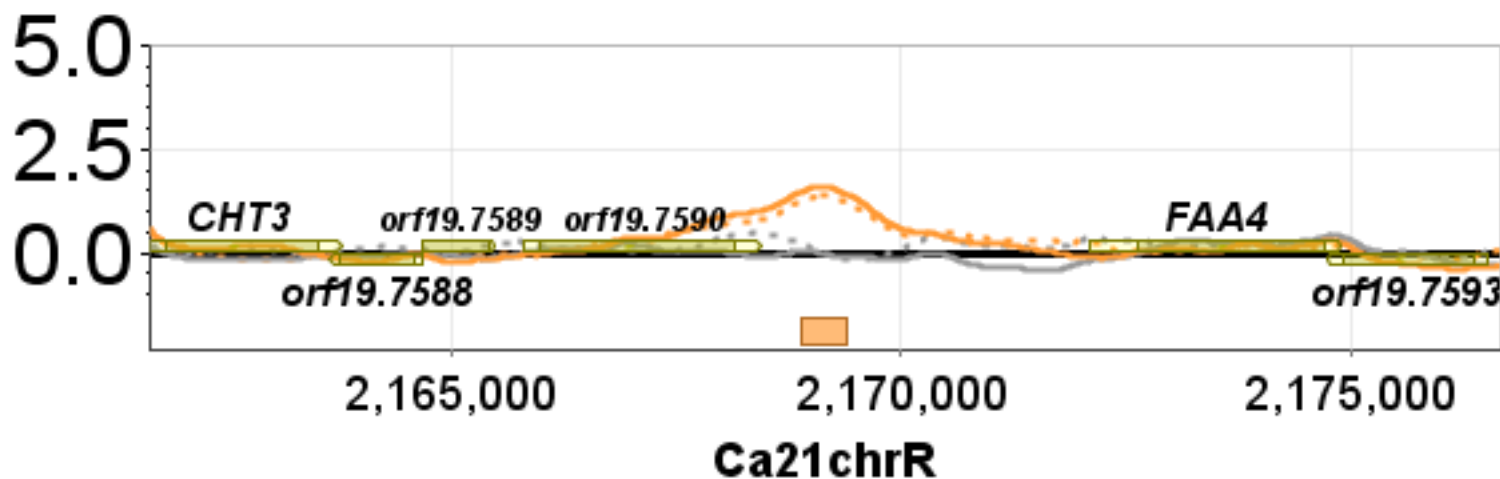
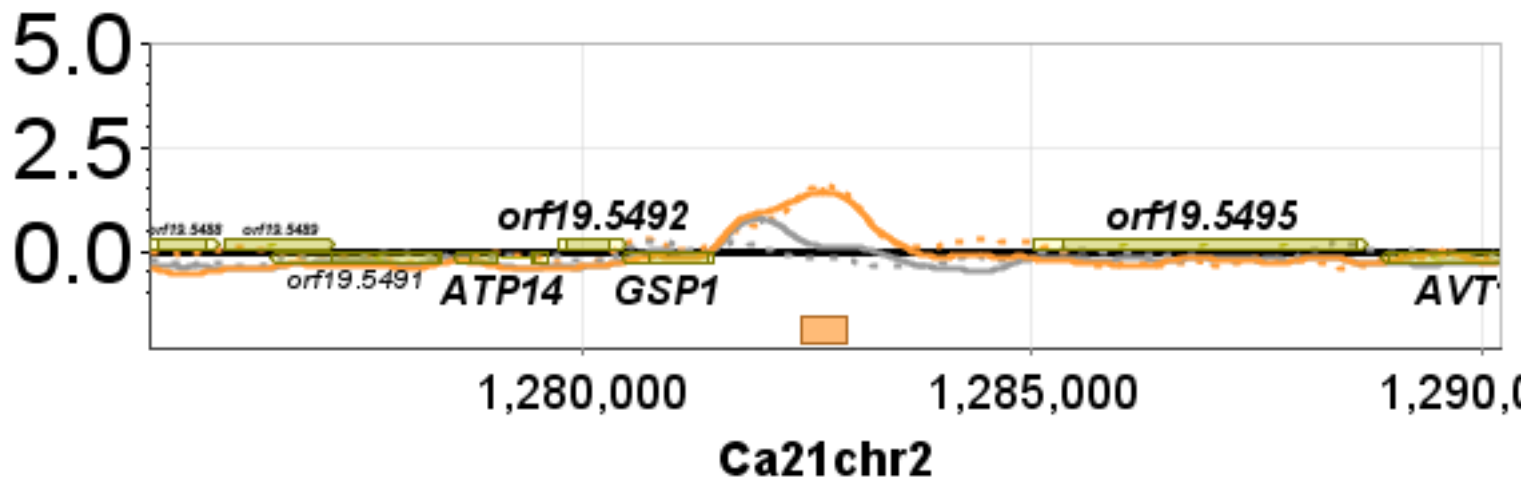
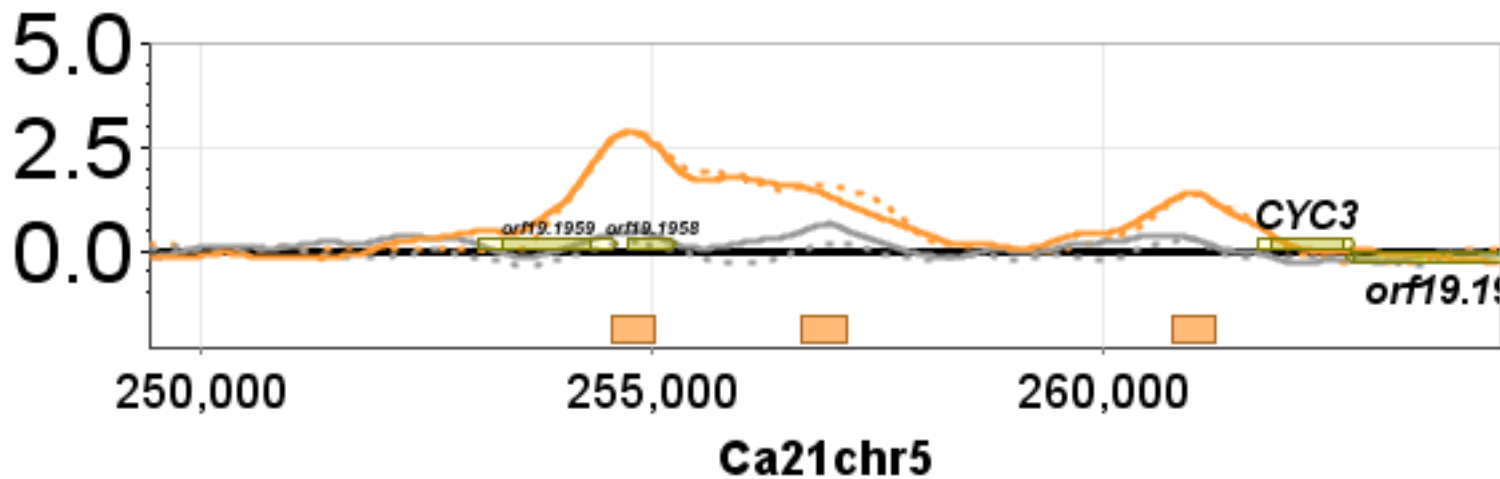


[1.644] Ca21chr6:758205-773204 [+] [orf19.5728, FGR17, orf19.5727, orf19.5725, orf19.5730]

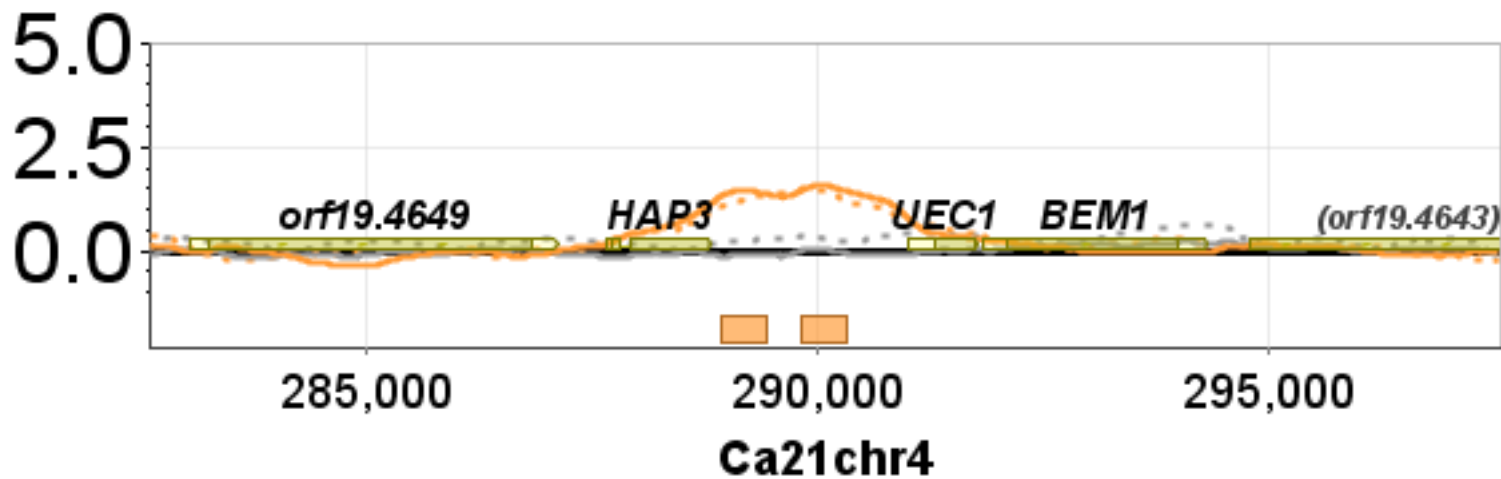


[1.618] Ca21chrR:1712162-1727161 [+] [ntar_1352, ntar_1353, ntar_1351, EFG1, tg(gcc)1]

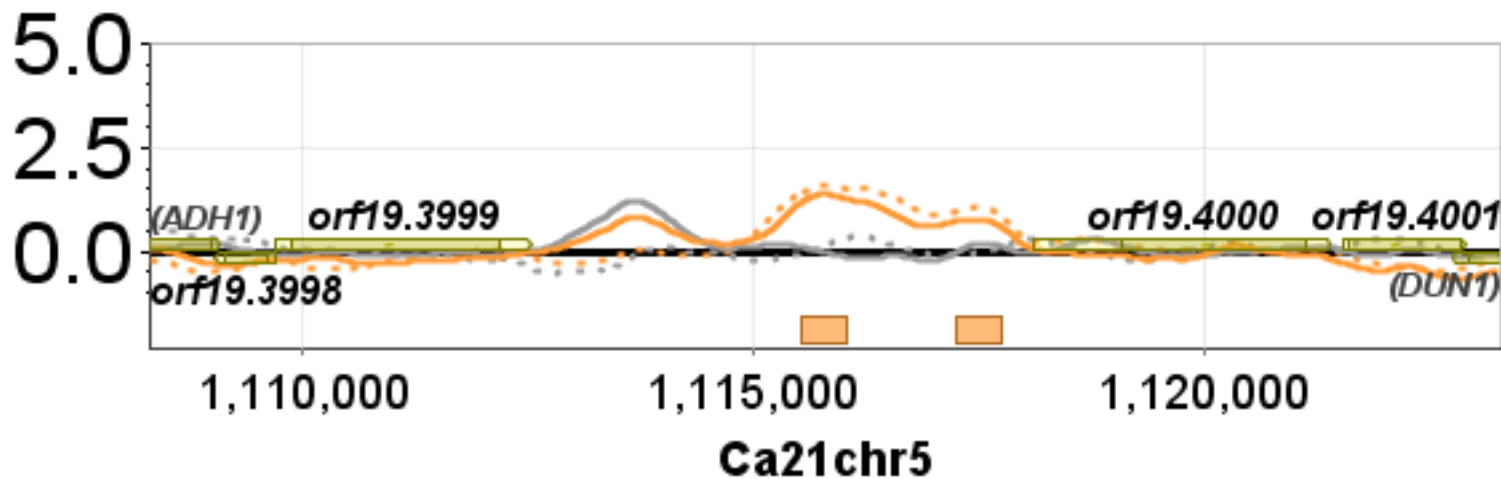




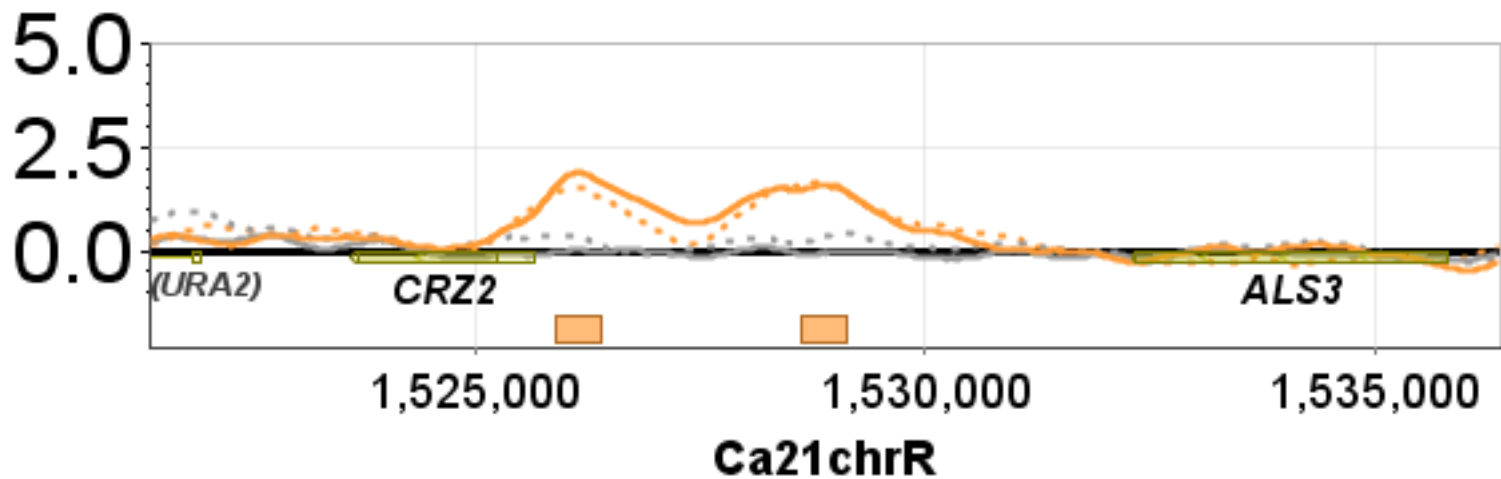
[1.588] Ca21chr4:282575-297574 [+] [UEC1, ntar_739, ntar_740, BEM1, HAP3]



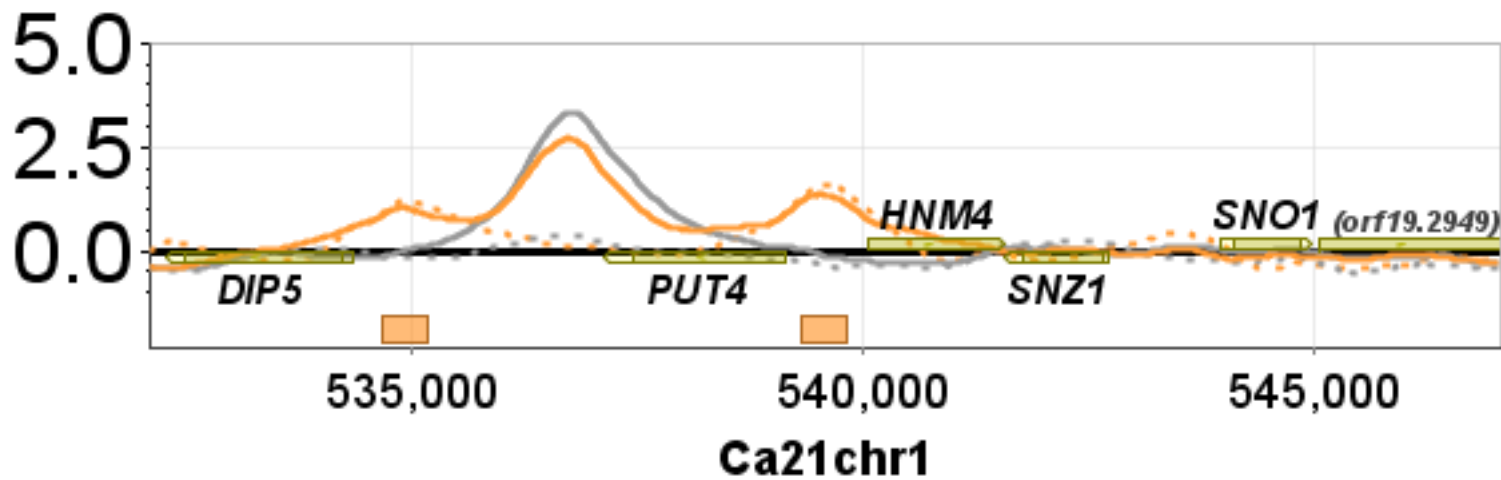
[1.582] Ca21chr5:1108288-1123287 [+] [orf19.4000, orf19.4001, orf19.3999, orf19.3998, ADH1]



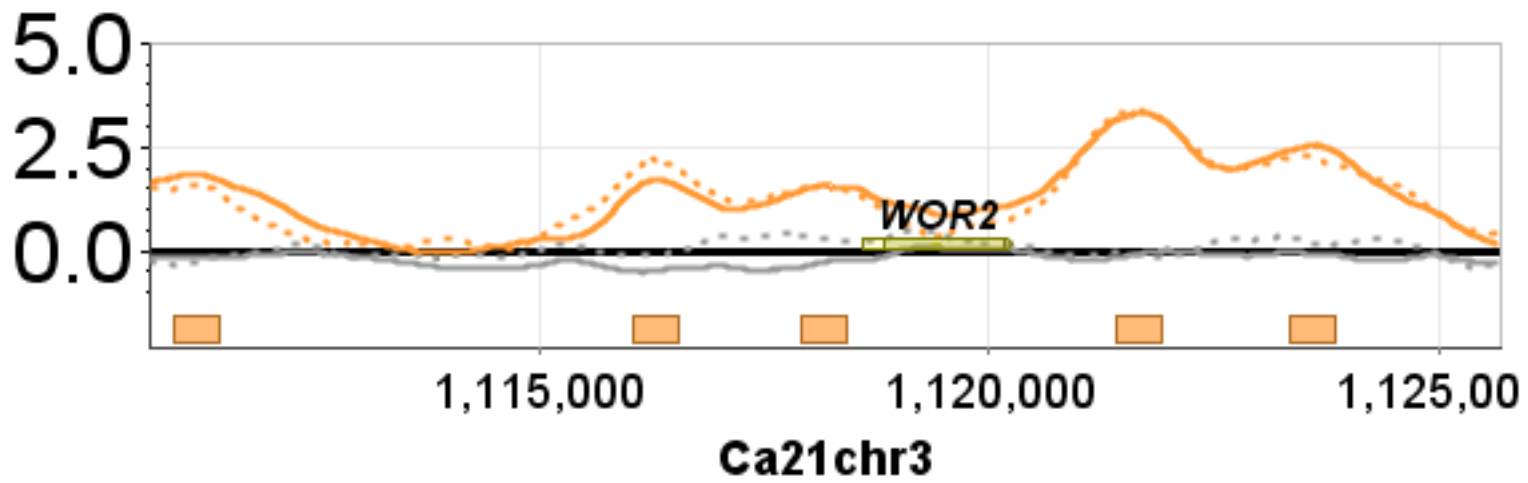
[1.573] Ca21chrR:1521381-1536380 [+] [ntar_1331, CRZ2, URA2, ALS3, ntar_1332]



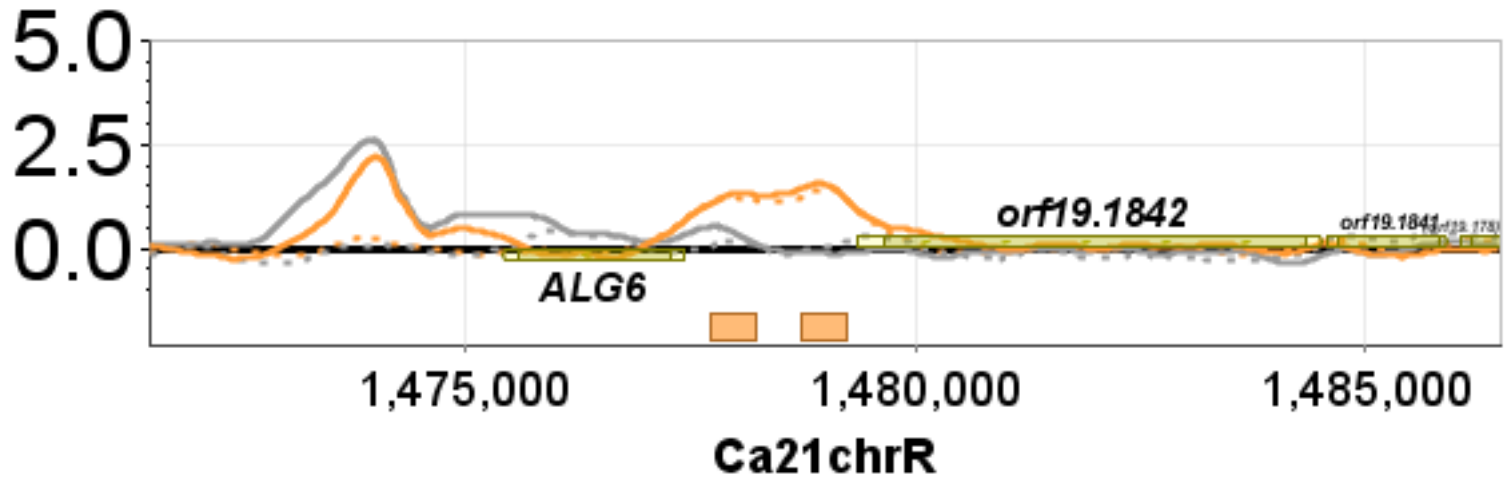
[1.57] Ca21chr1:532069-547068 [+] [PUT4, HNM4, ntar_58, ntar_57, ntar_56]



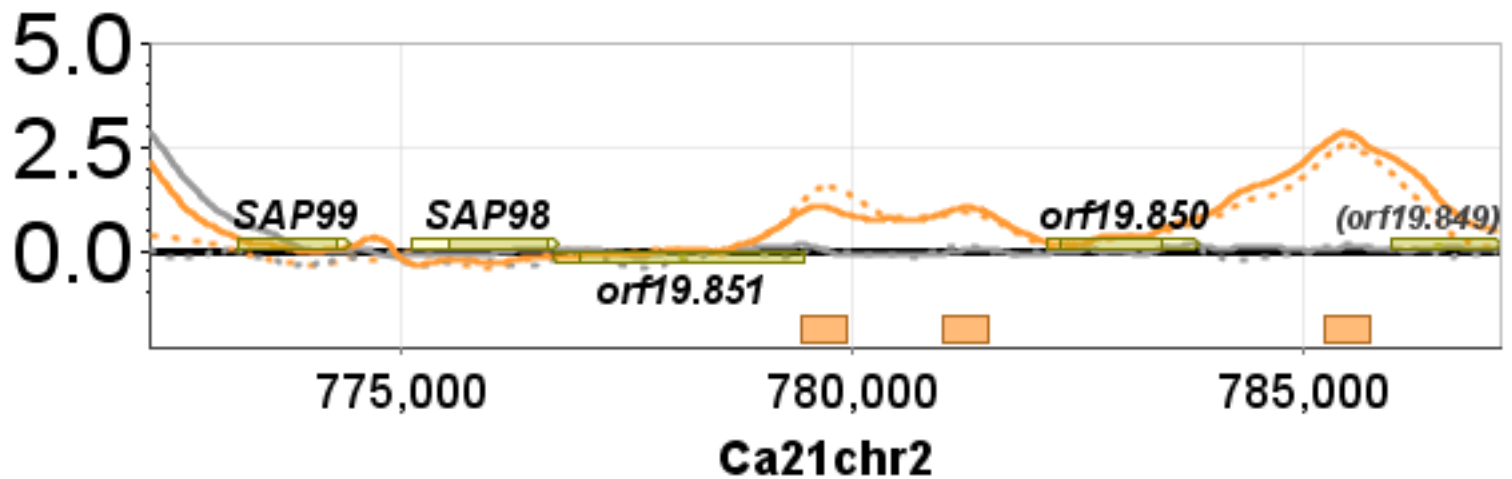
[1.565] Ca21chr3:1110663-1125662 [+] [WOR2, ntar_614, ntar_615, ntar_616, ntar_617]



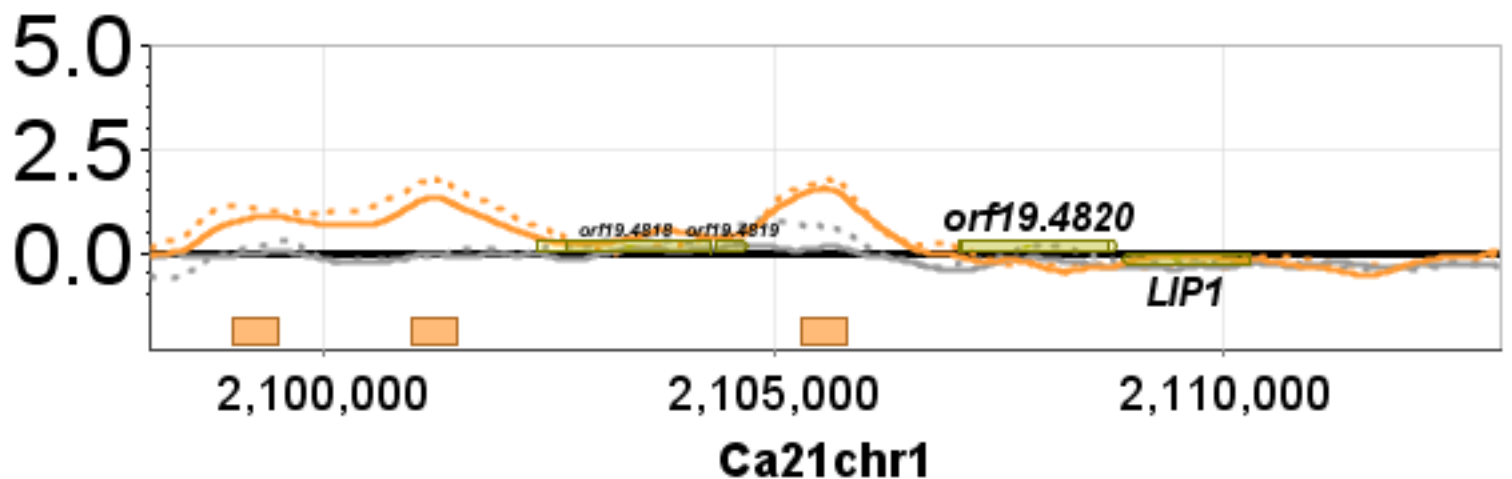
[1.565] Ca21chrR:1471489-1486488 [+] [orf19.1842, ALG6, ntar_1329, ts(aqa)2, orf19.1841]



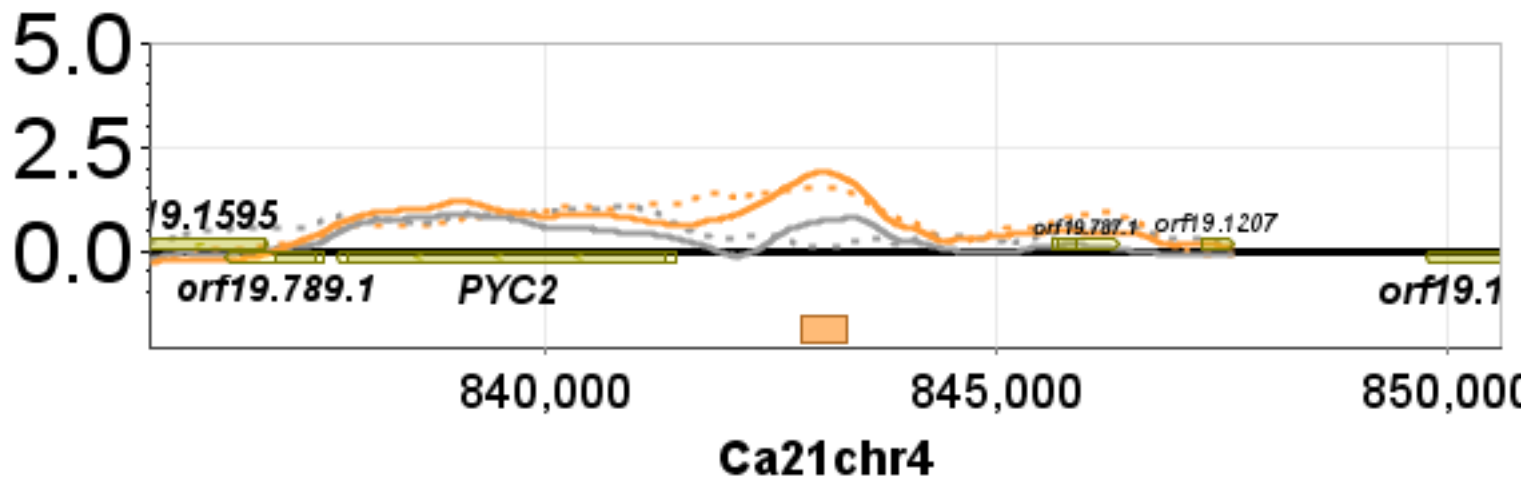
[1.562] Ca21chr2:772192-787191 [+] [orf19.851, orf19.850, SAP98, orf19.849, SAP99]



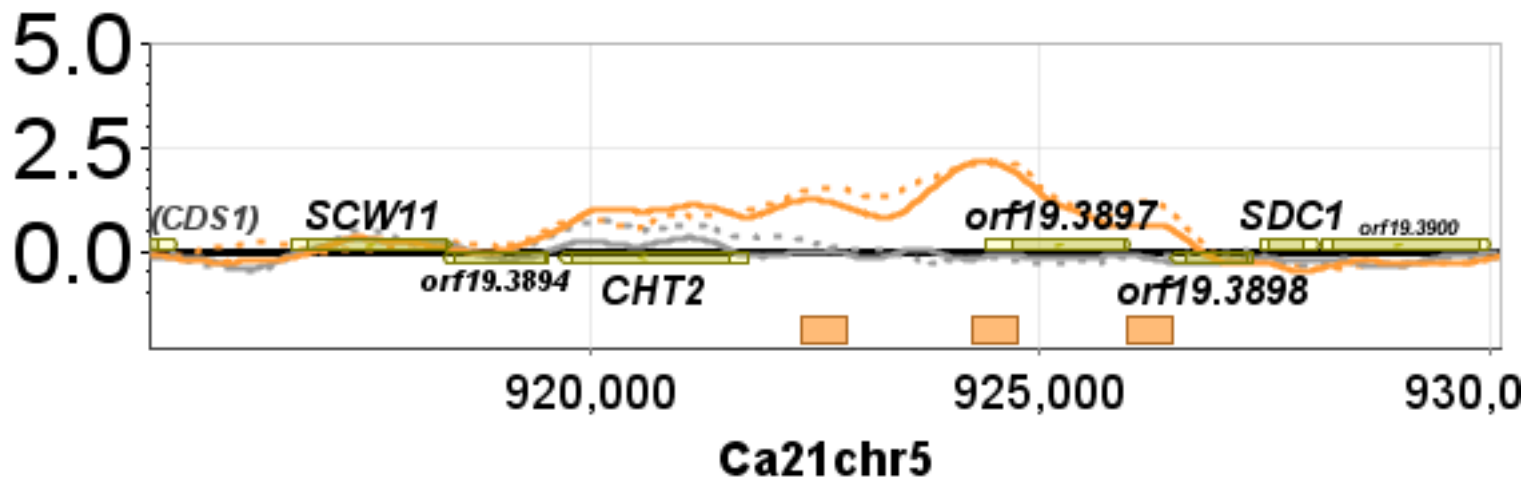
[1.55] Ca21chr1:2098061-2113060 [+] [ntar_198, orf19.4819, orf19.4820, orf19.4818, ntar_197]



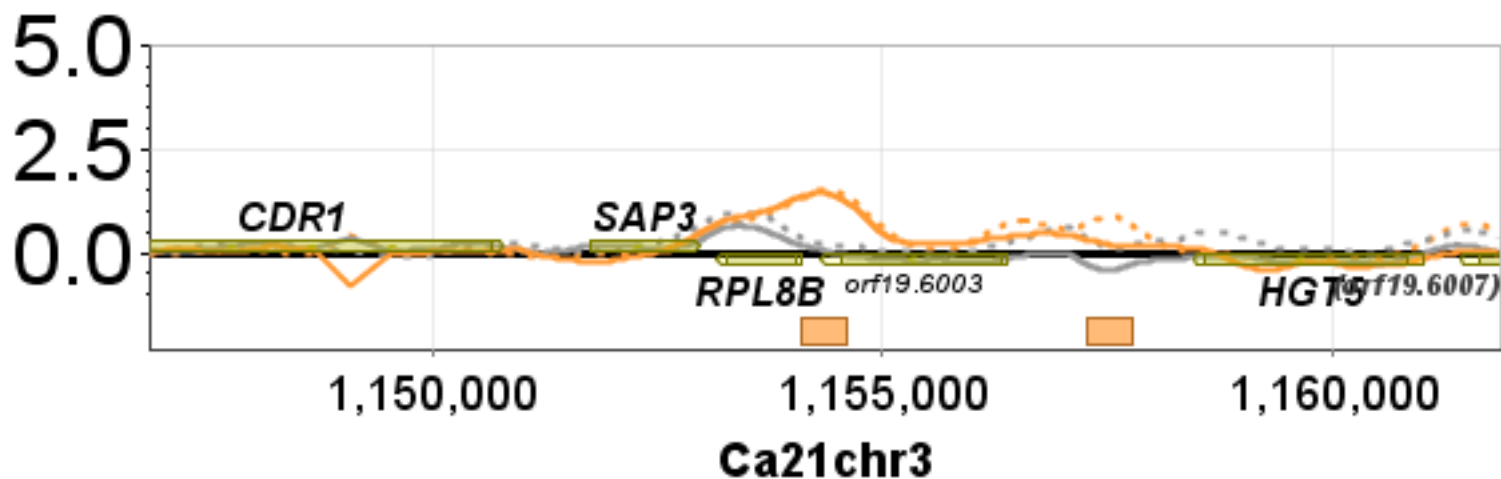
[1.544] Ca21chr4:835591-850590 [+] [ntar_789, ntar_788, PYC2, orf19.787, orf19.787.1]



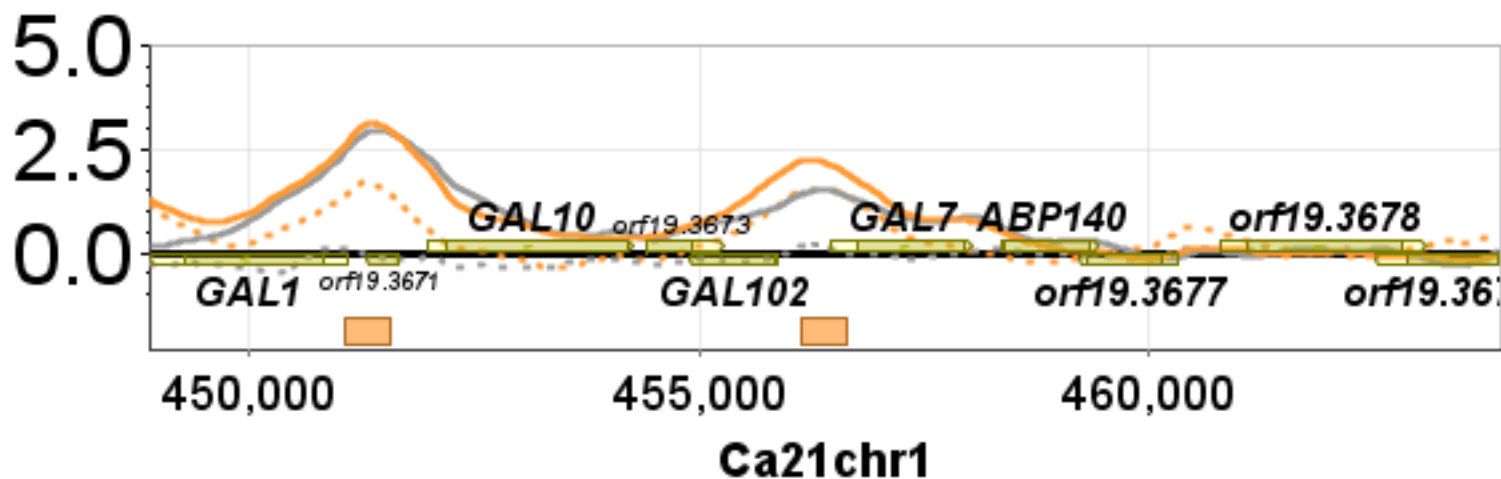
[1.543] Ca21chr5:915107-930106 [+] [CHT2, orf19.3897, orf19.3894, ntar_941, orf19.3898]



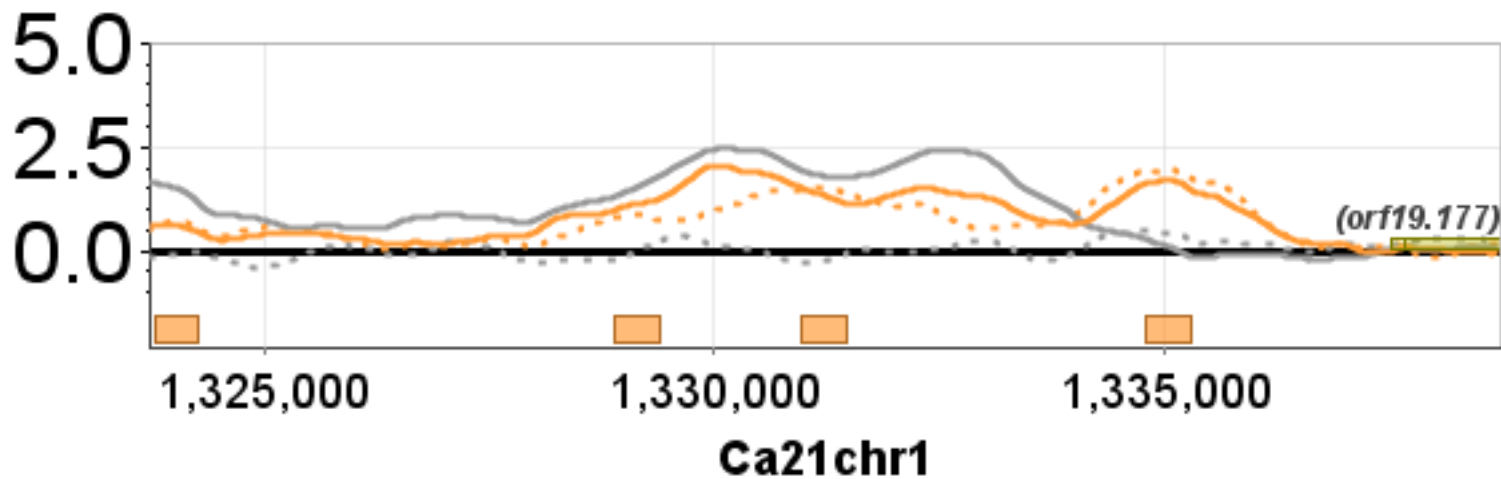
[1.54] Ca21chr3:1146850-1161849 [+] [RPL8B, orf19.6003, ntar_620, SAP3, ntar_621]



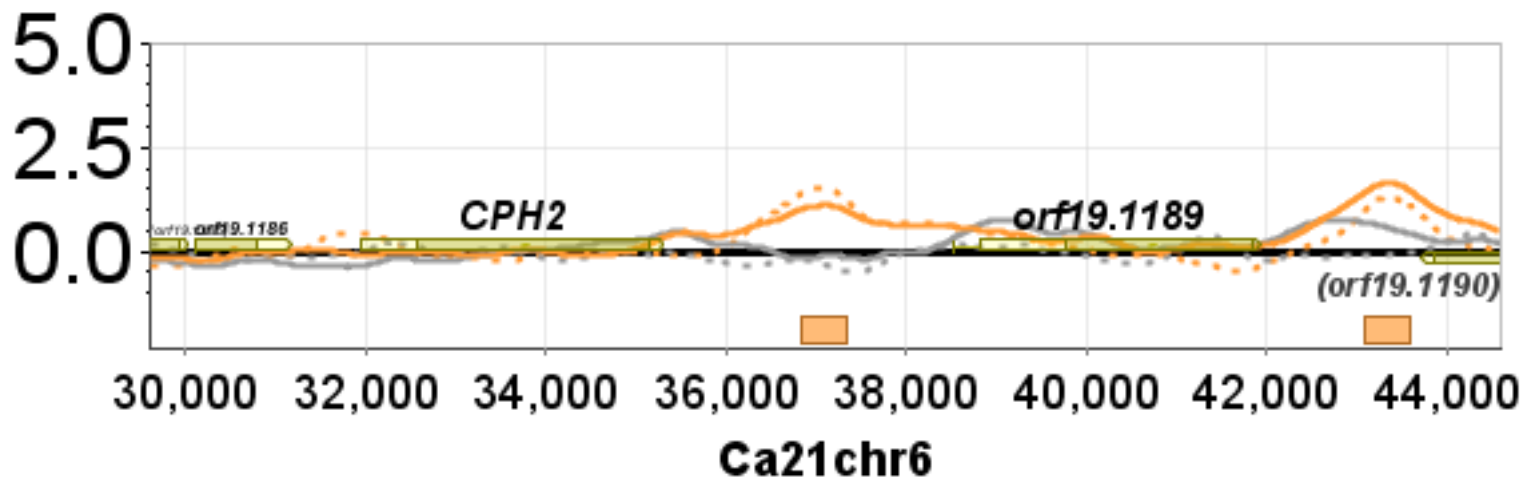
[1.532] Ca21chr1:448890-463889 [+] [GAL7, GAL102, ABP140, orf19.3673, orf19.3677]



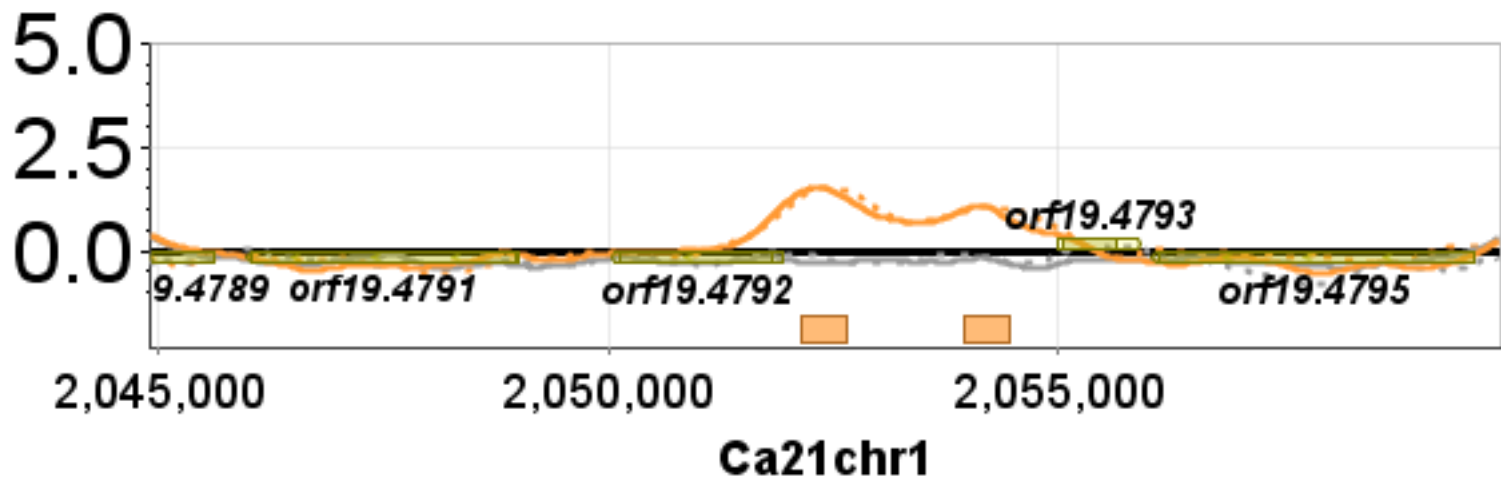
[1.532] Ca21chr1:1323717-1338716 [+] [ntar_127, orf19.177, orf19.1821]



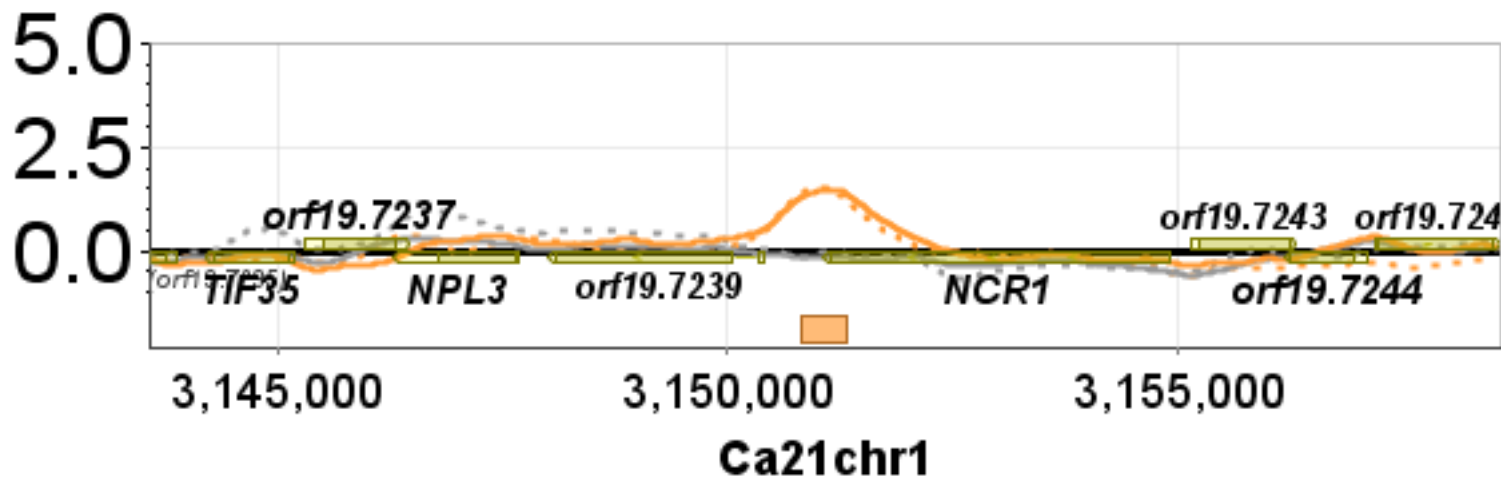
[1.532] Ca21chr6:29586-44585 [+] [ntar_969, orf19.1189, CPH2, ntar_968, orf19.1186]



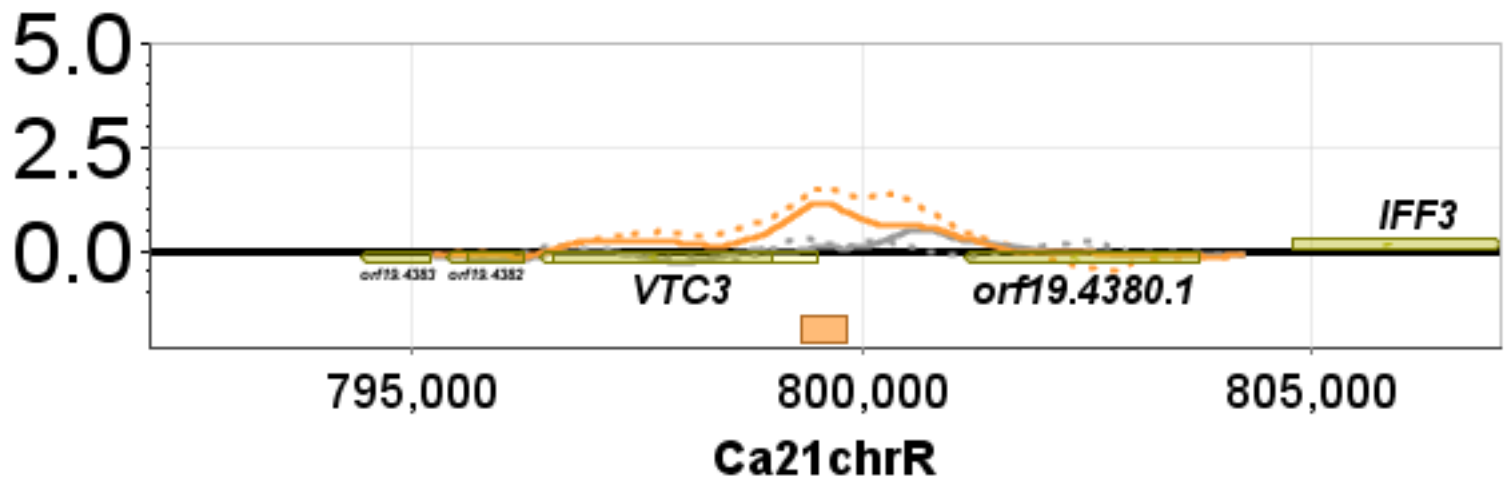
[1.525] Ca21chr1:2044896-2059895 [+] [orf19.4792, ntar_195, orf19.4793, orf19.4791, orf19.4789]



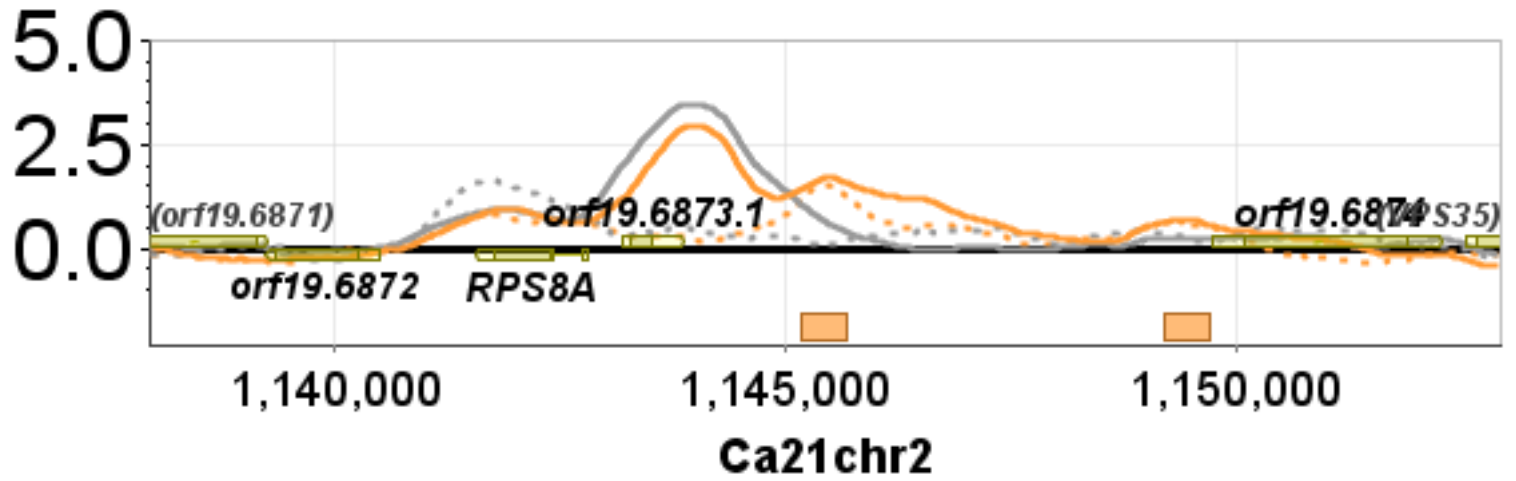
[1.524] Ca21chr1:3143568-3158567 [+] [orf19.7239, NPL3, NCR1, orf19.7243, orf19.7237]



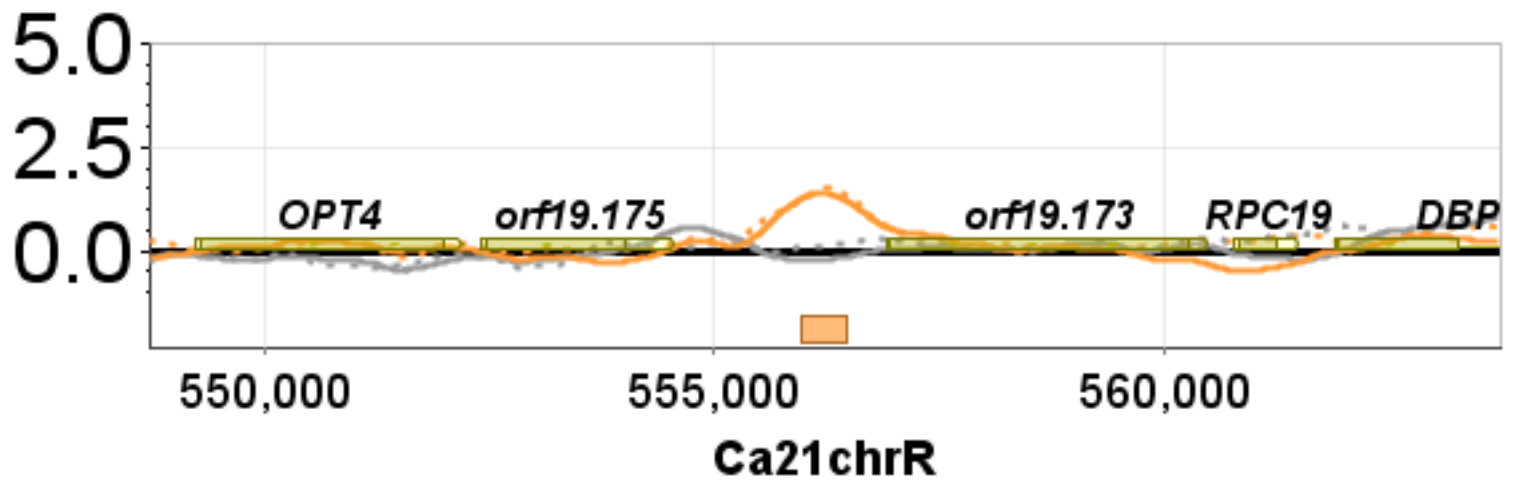
[1.52] Ca21chrR:792077-807076 [+] [VTC3, ntar_1247, ntar_1248, orf19.4382, orf19.4380.1]



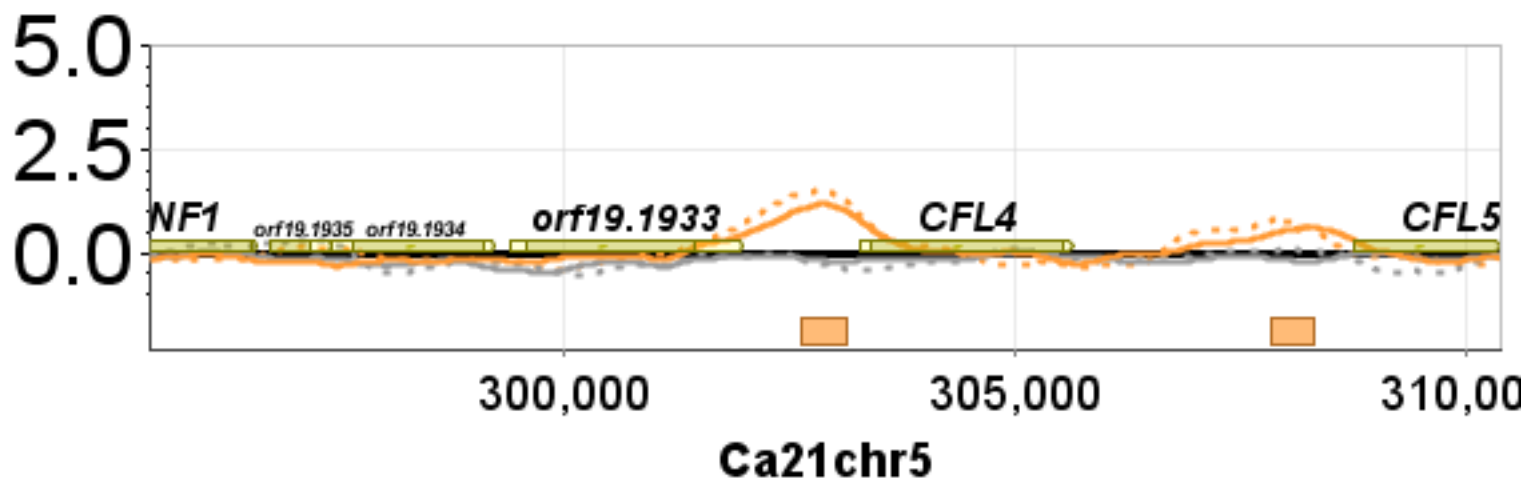
[1.509] Ca21chr2:1137934-1152933 [+] [ts(aqa)4, orf19.6873.1, RPS8A, orf19.6874, ntar_395]



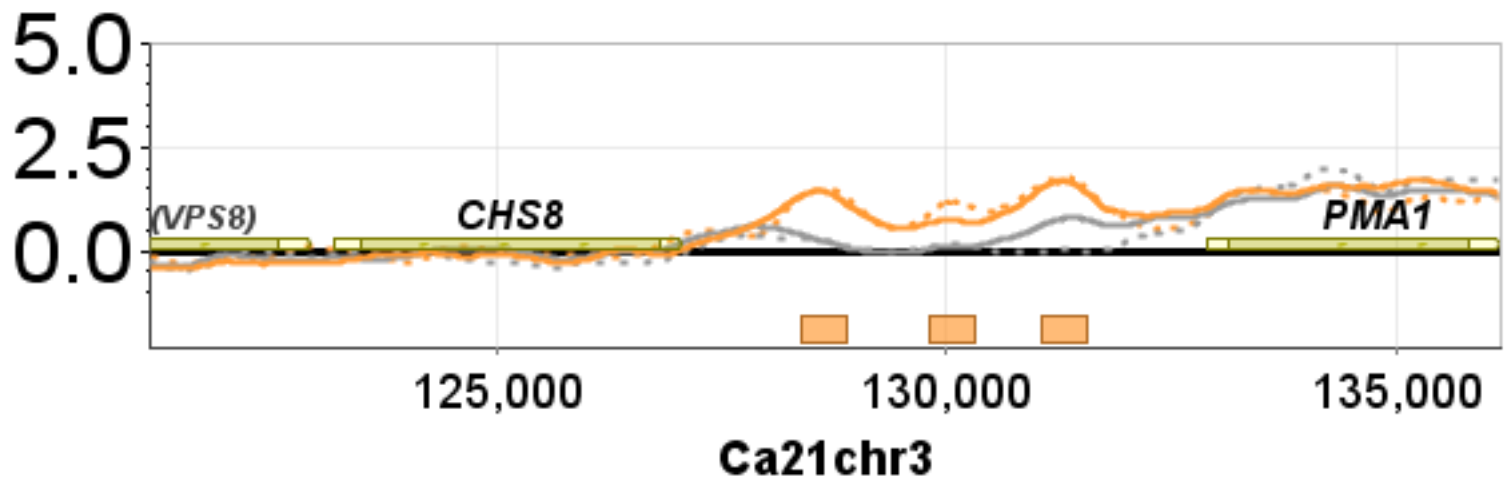
[1.509] Ca21chrR:548721-563720 [+] [ntar_1215, ntar_1216, orf19.173, ntar_1213, ntar_1214]



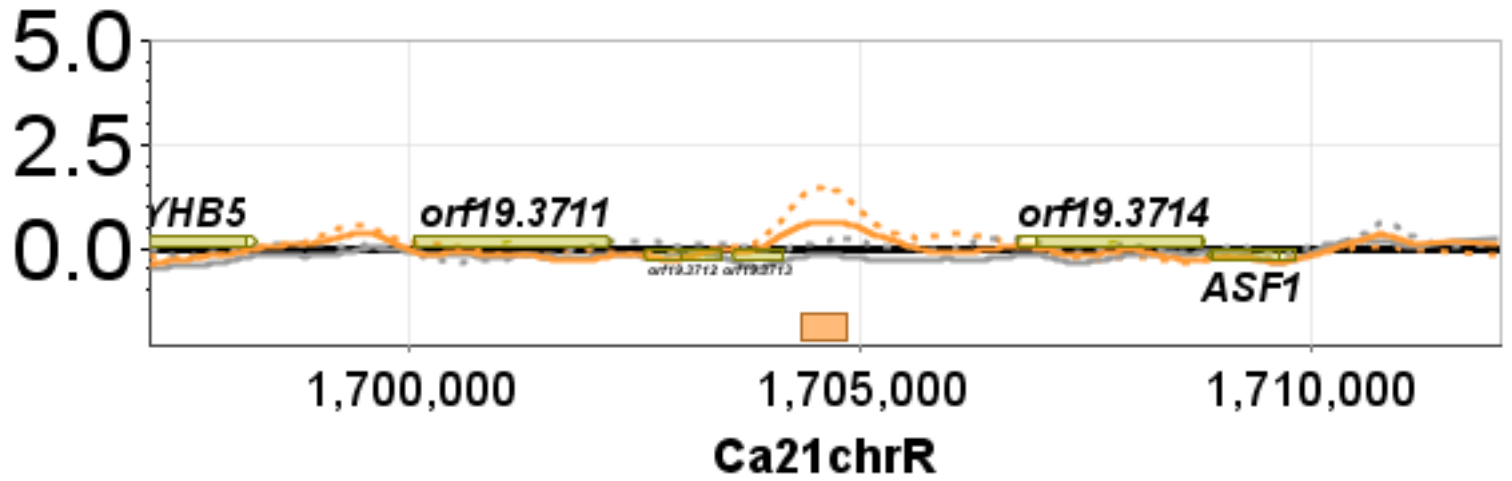
[1.502] Ca21chr5:295381-310380 [+] [CFL4, orf19.1933, orf19.1934, CFL5, orf19.1935]



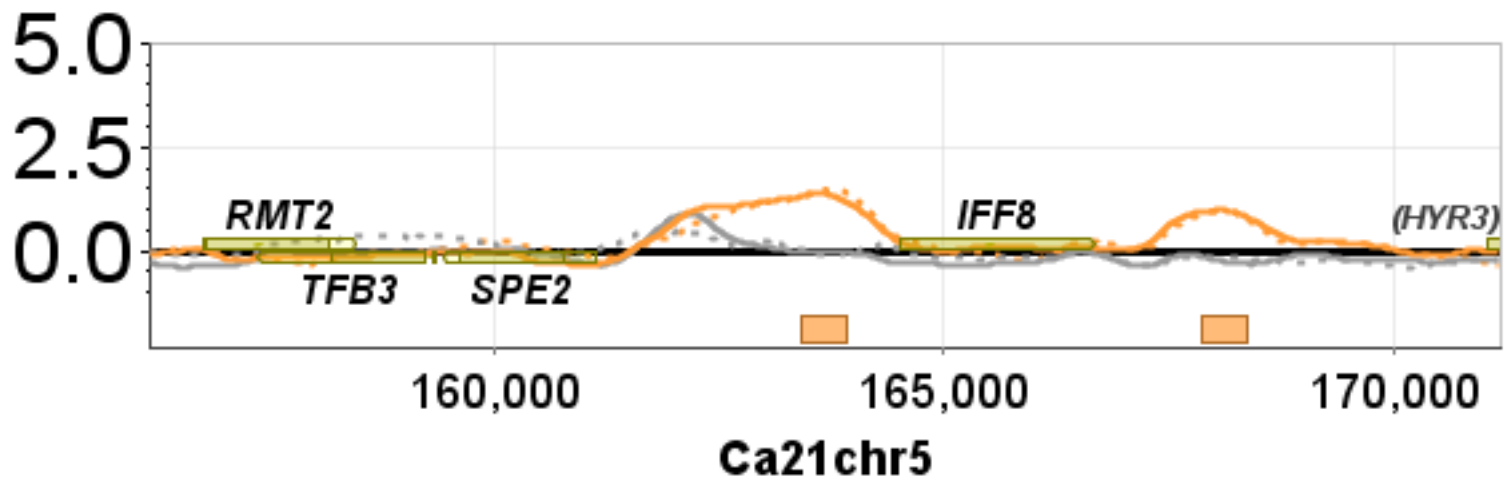
[1.5] Ca21chr3:121139-136138 [+] [ntar_532, ntar_533, ntar_531, ntar_534, PMA1]



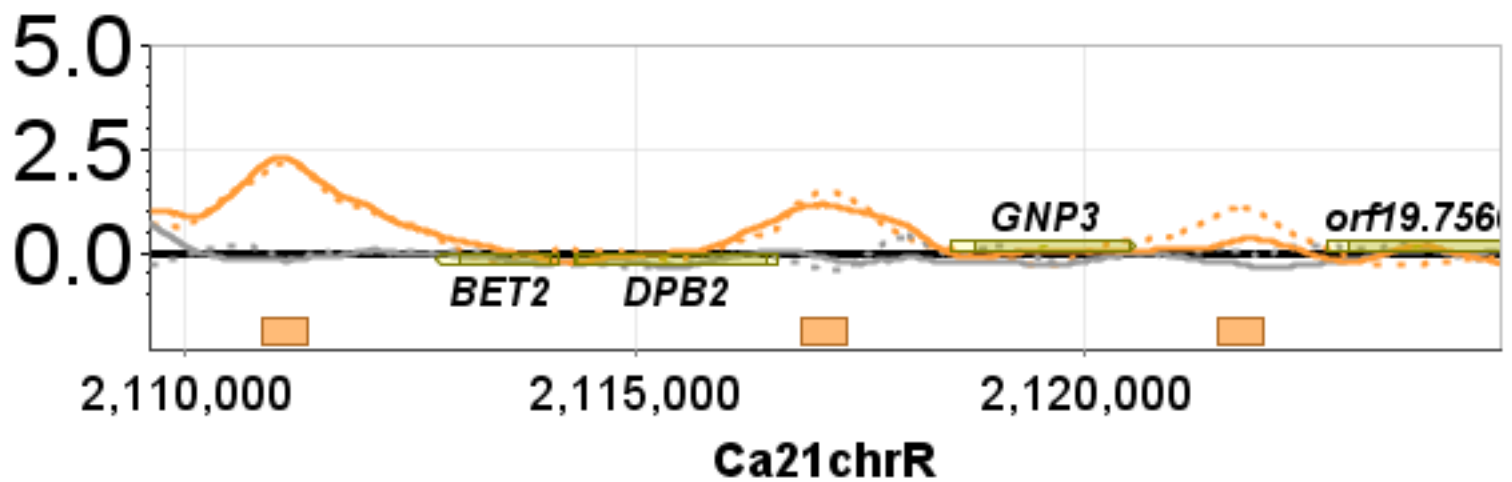
[1.494] Ca21chrR:1697098-1712097 [+] [orf19.3713, orf19.3712, orf19.3714, orf19.3711, ASF1]



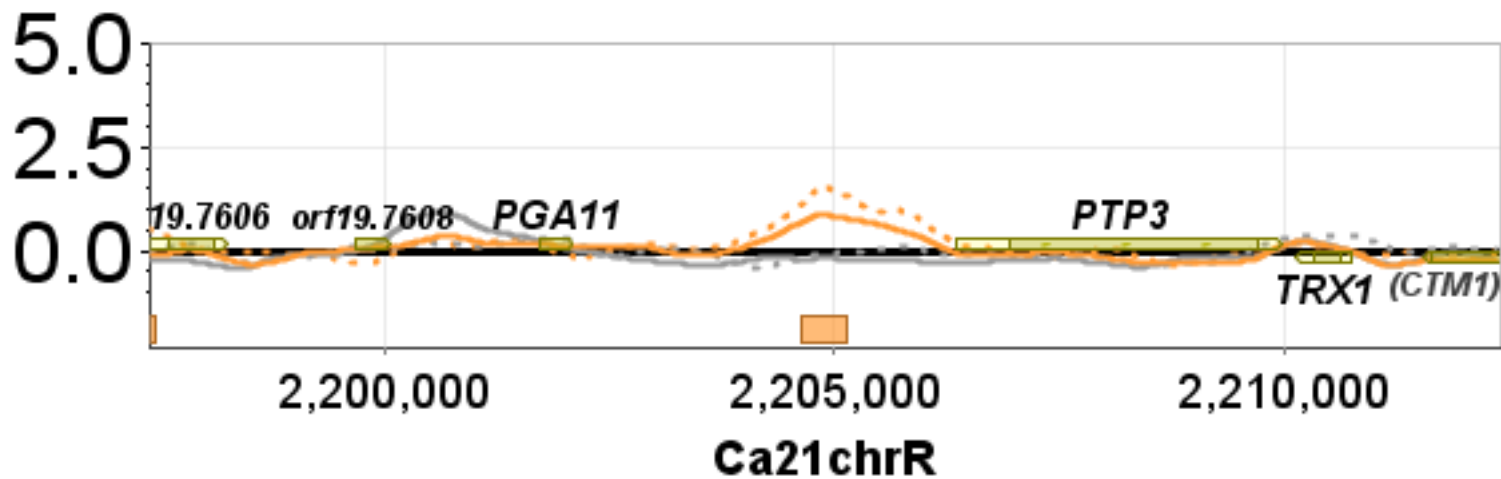
[1.488] Ca21chr5:156170-171169 [+] [IFF8, SPE2, TFB3, RMT2, HYR3]



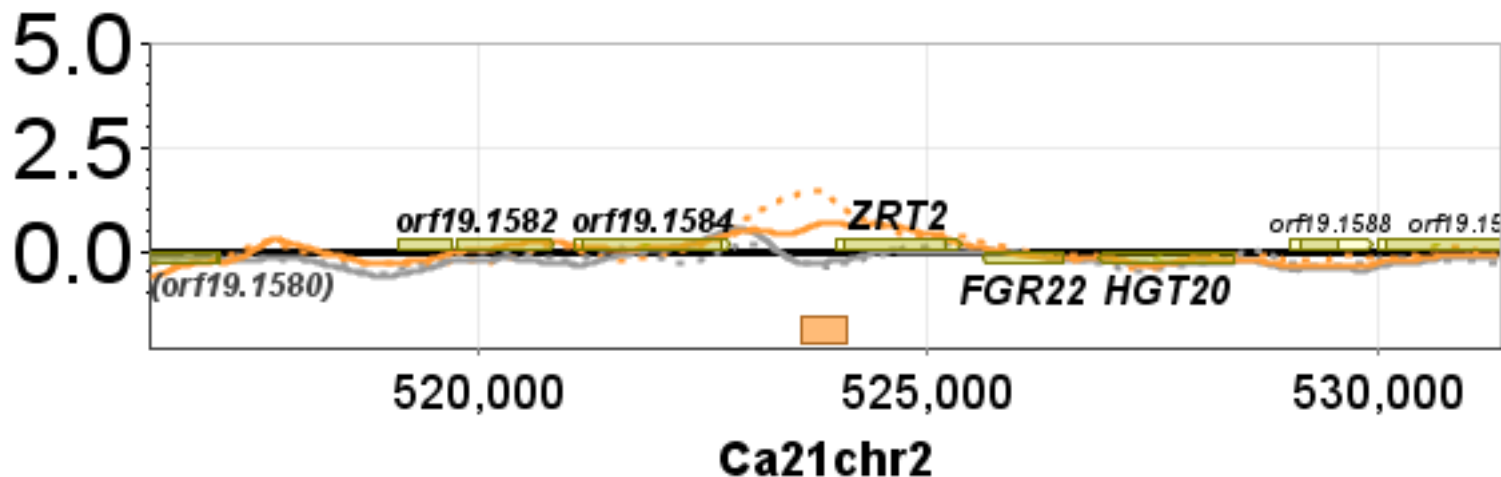
[1.486] Ca21chrR:2109597-2124596 [+] [DPB2, GNP3, BET2, orf19.7566]



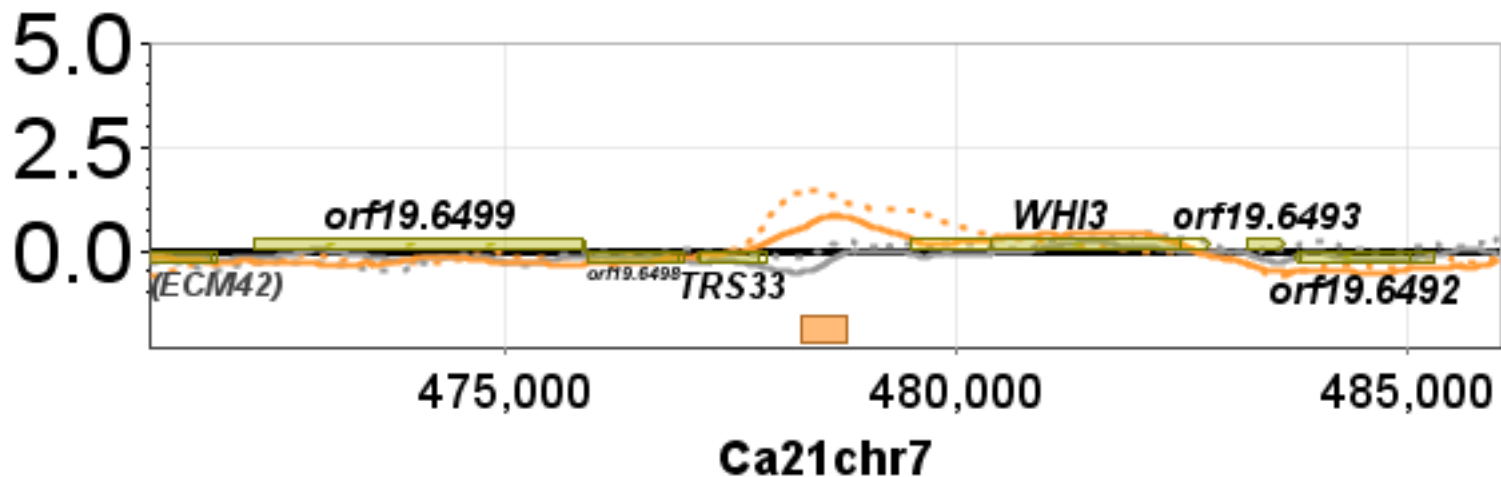
[1.486] Ca21chrR:2197391-2212390 [+] [PTP3, ntar_1407, PGA11, orf19.7608, TRX1]



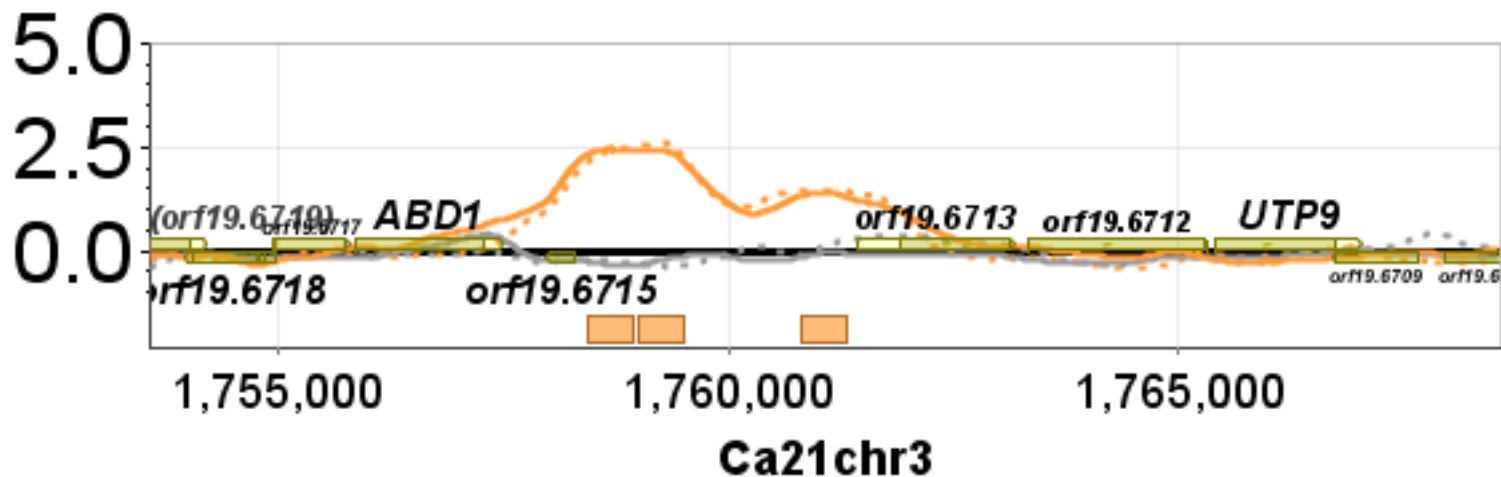
[1.478] Ca21chr2:516347-531346 [+] [ZRT2, ntar_335, ntar_334, FGR22, orf19.1584]



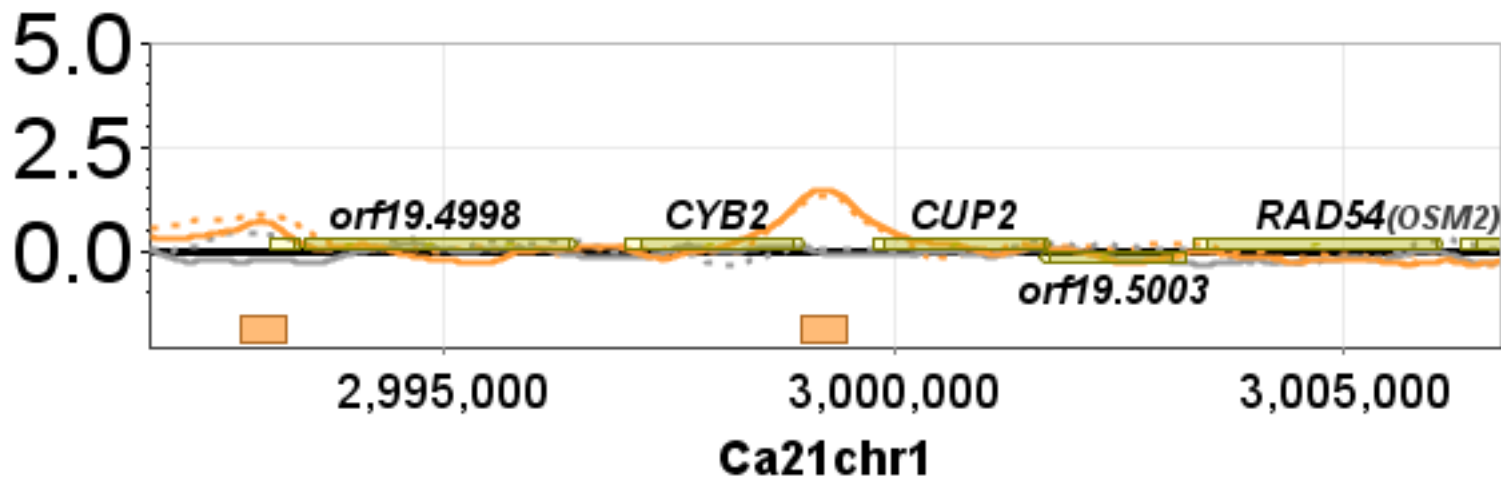
[1.478] Ca21chr7:471033-486032 [+] [ntar_1106, TRS33, WHI3, ntar_1105, orf19.6498]



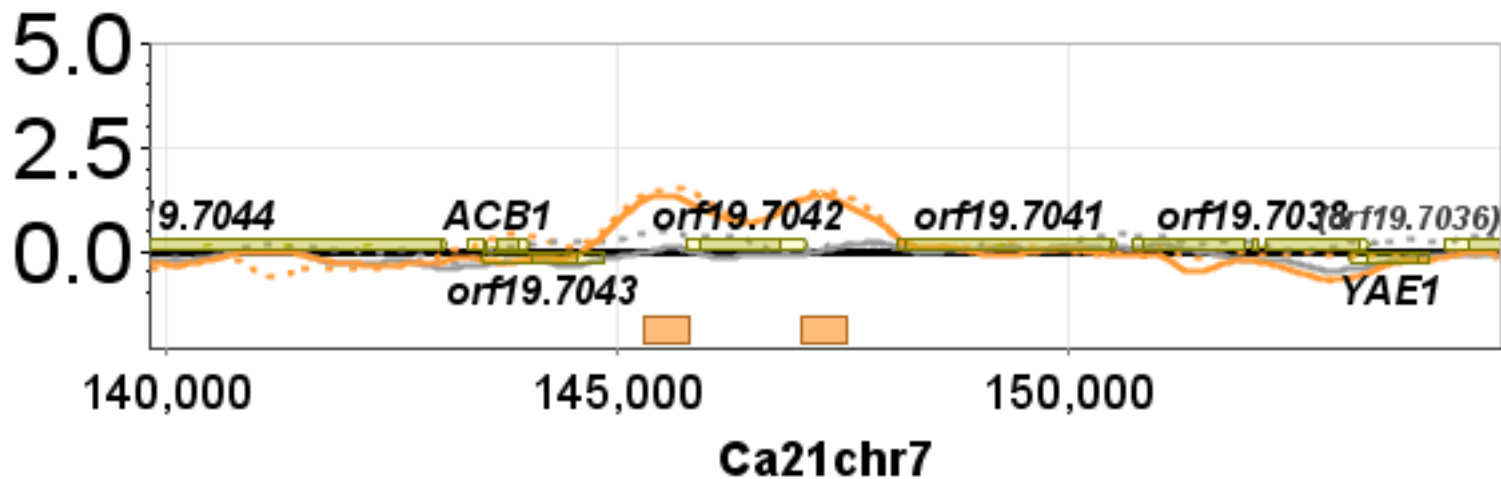
[1.473] Ca21chr3:1753564-1768563 [+] [orf19.6713, orf19.6712, orf19.6715, ntar_688, UTP9]



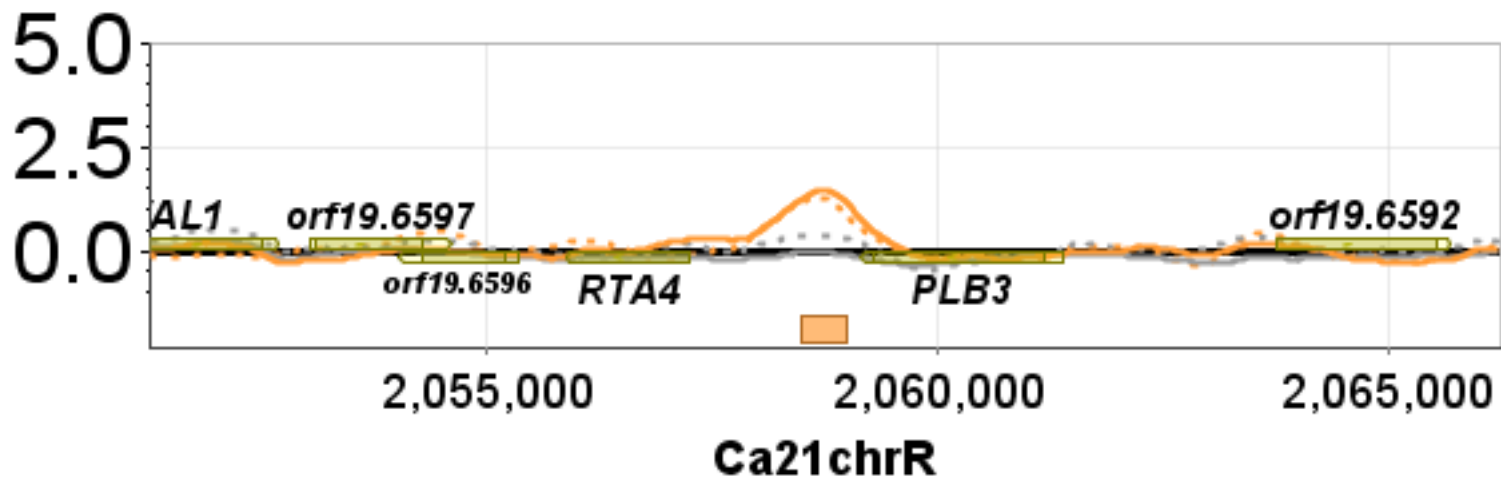
[1.47] Ca21chr1:2991729-3006728 [+] [ntar_268, CUP2, CYB2, orf19.5003, RAD54]



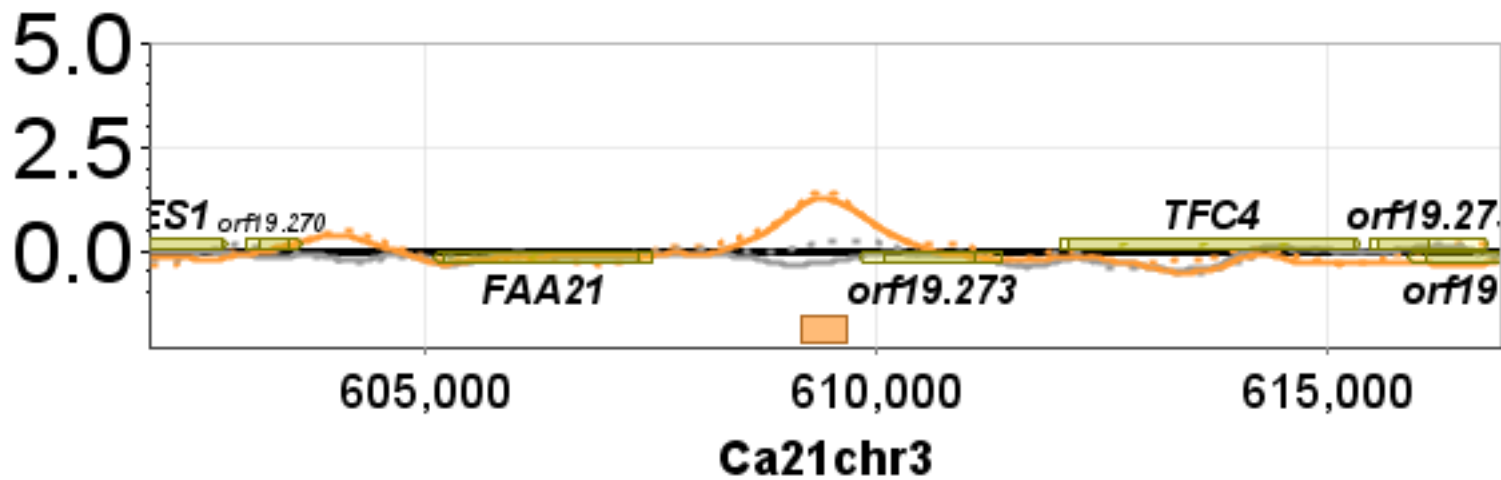
[1.466] Ca21chr7:139801-154800 [+] [ntar_1062, orf19.7041, orf19.7042, orf19.7043, orf19.7038]



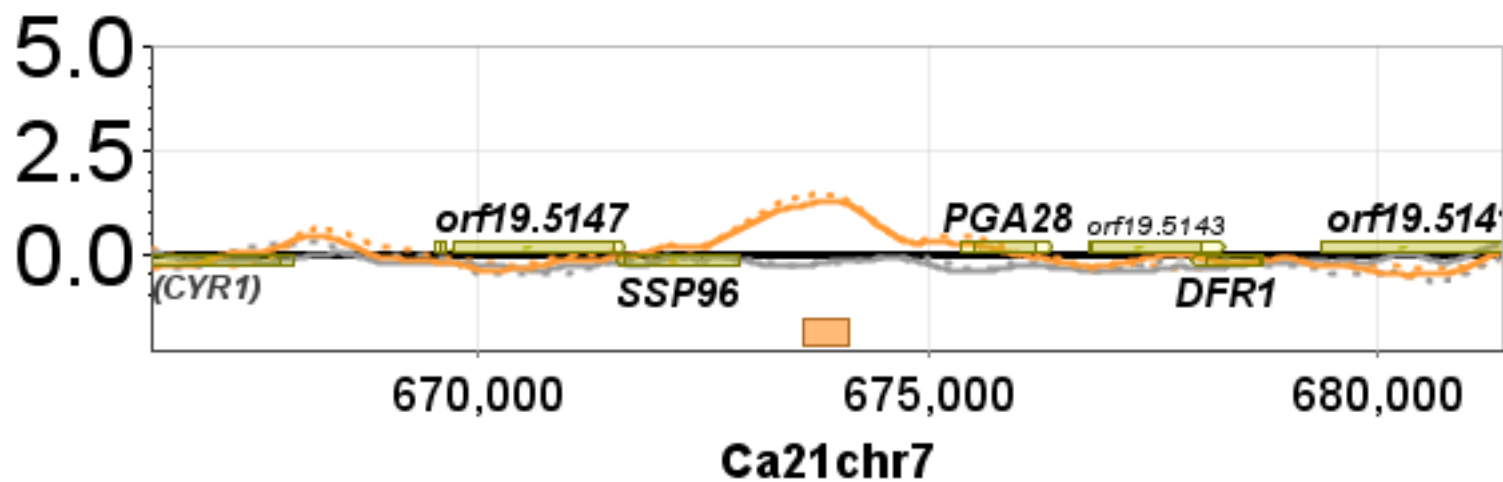
[1.461] Ca21chrR:2051240-2066239 [+] [RTA4, ntar_1390, PLB3, ntar_1389, orf19.6596]



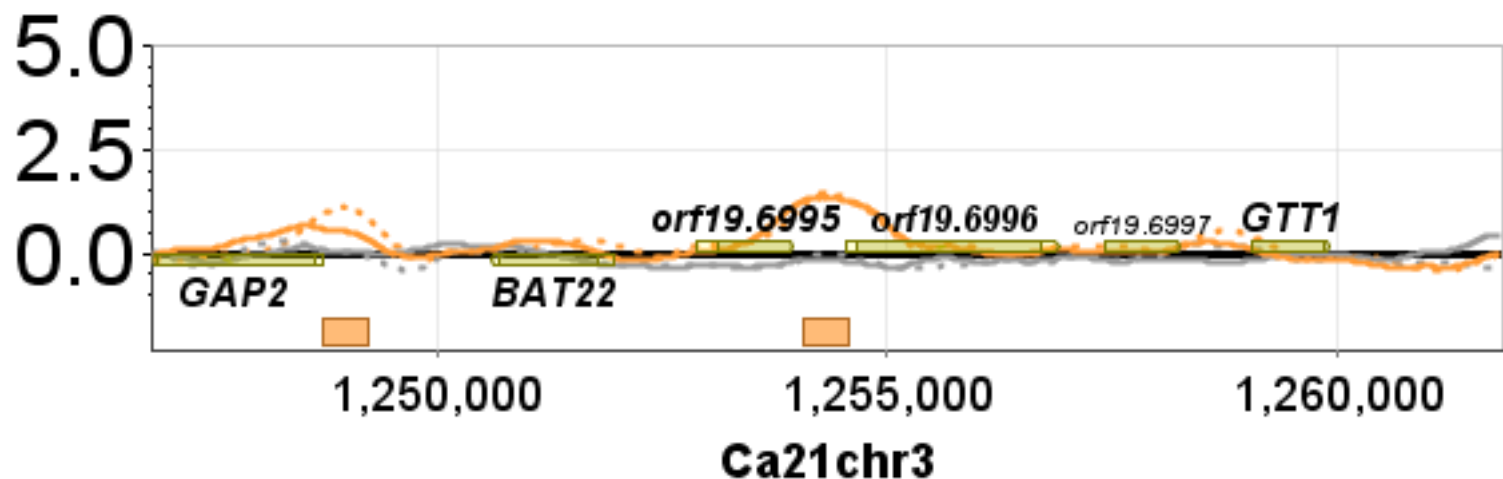
[1.459] Ca21chr3:601921-616920 [+] [FAA21, orf19.273, TFC4, ADH4, orf19.275]



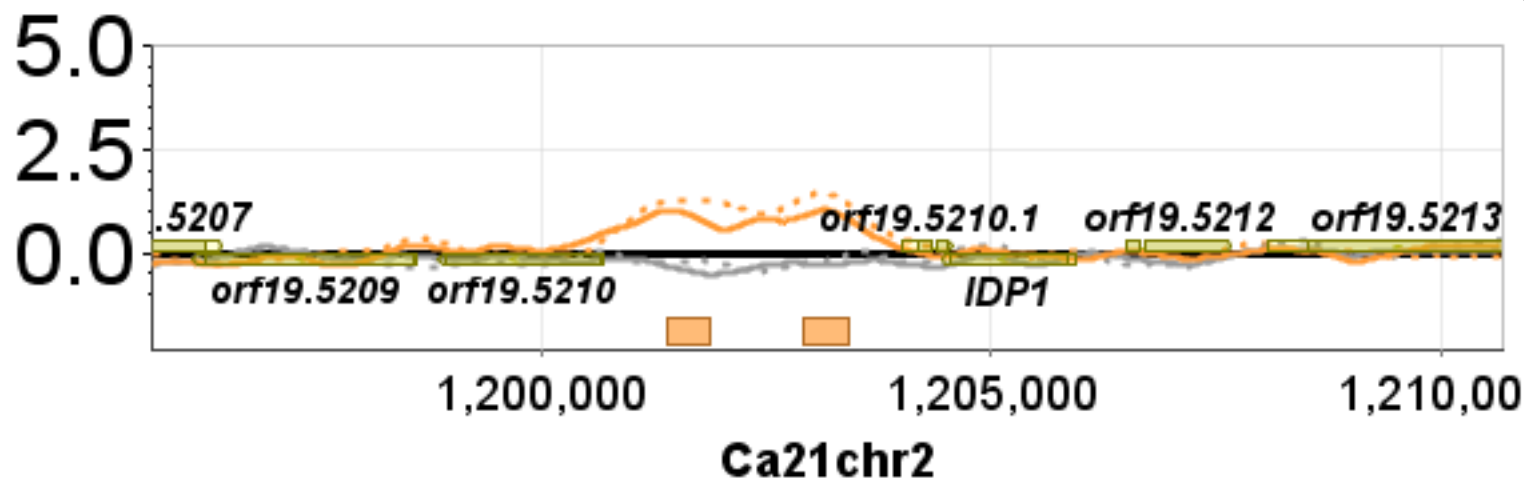
[1.455] Ca21chr7:666369-681368 [+] [SSP96, PGA28, orf19.5143, orf19.5147, DFR1]



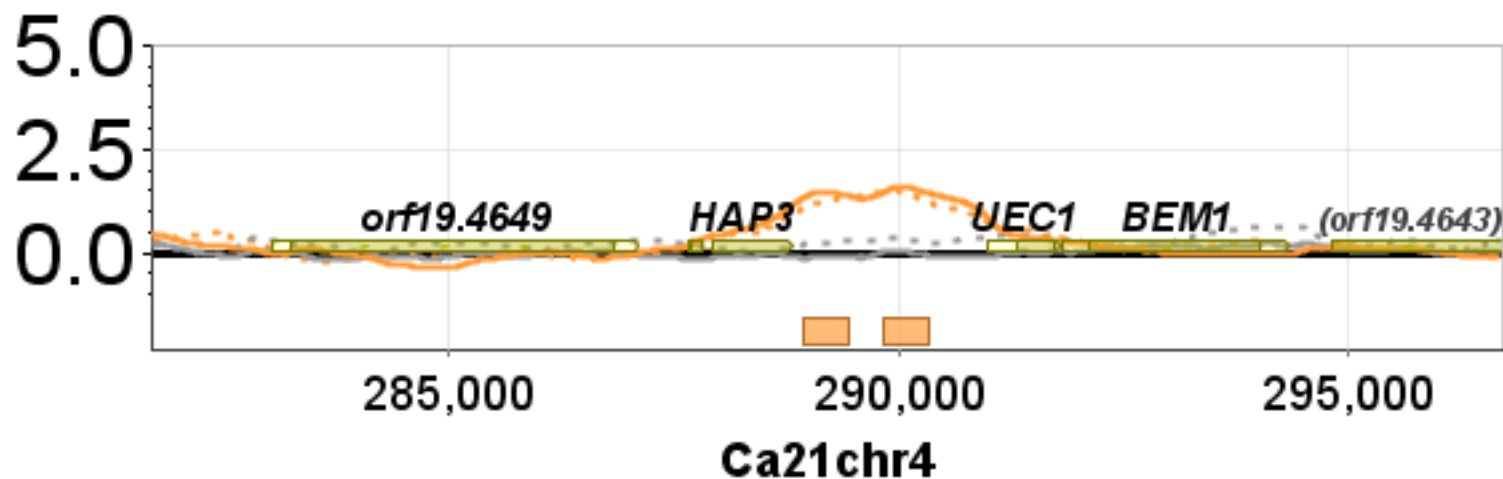
[1.451] Ca21chr3:1246821-1261820 [+] [orf19.6996, orf19.6995, BAT22, orf19.6997, GTT1]



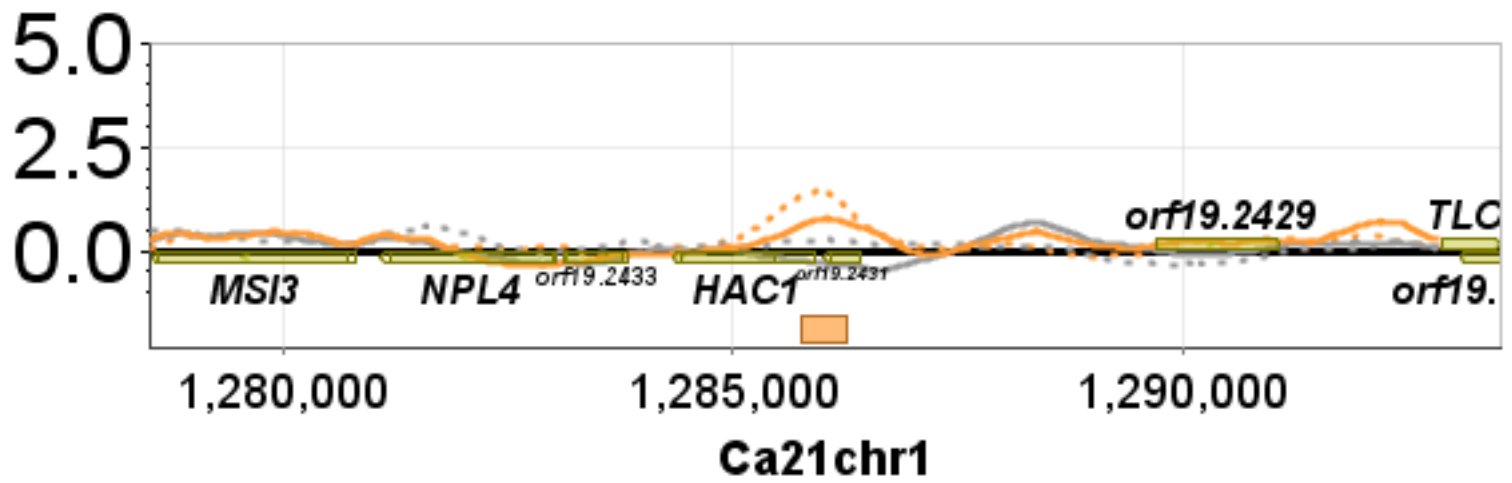
[1.446] Ca21chr2:1195663-1210662 [+] [orf19.5210.1, ntar_397, orf19.5210, IDP1, orf19.5212]



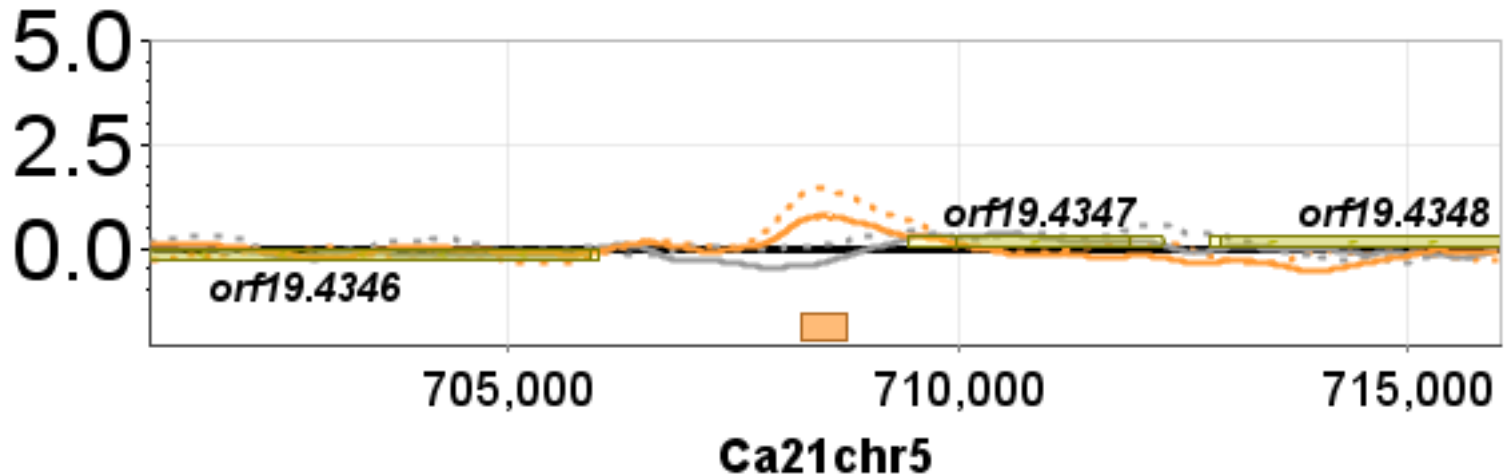
[1.441] Ca21chr4:281695-296694 [+] [ntar_739, HAP3, UEC1, ntar_740, BEM1]



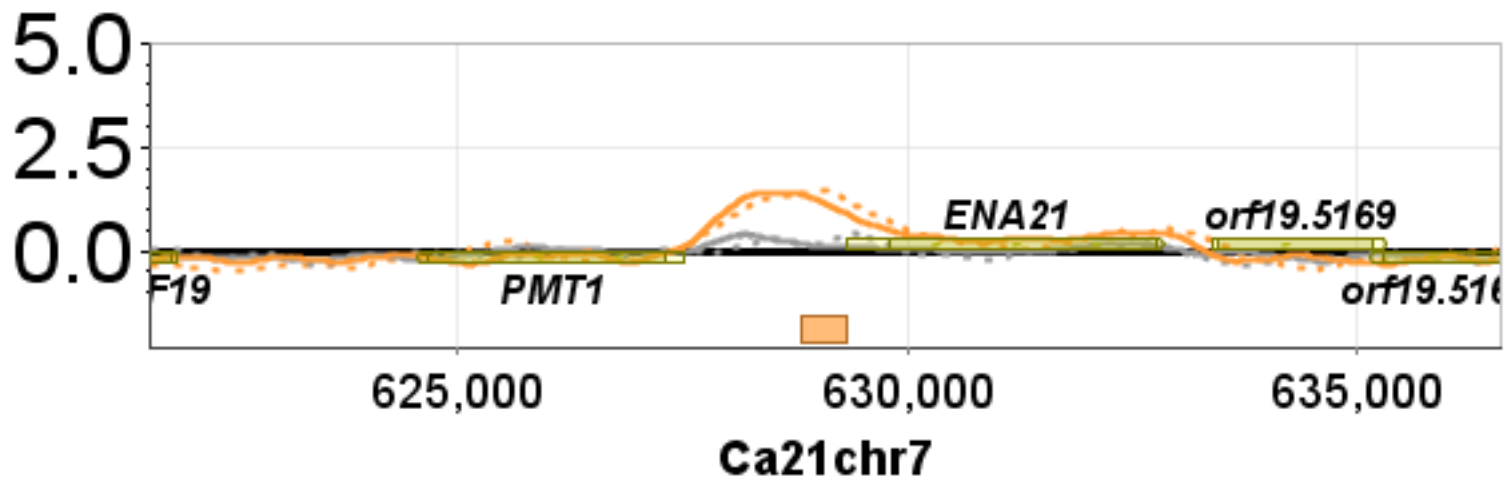
[1.439] Ca21chr1:1278516-1293515 [+] [HAC1, orf19.2431, ntar_123, orf19.2433, orf19.2430]



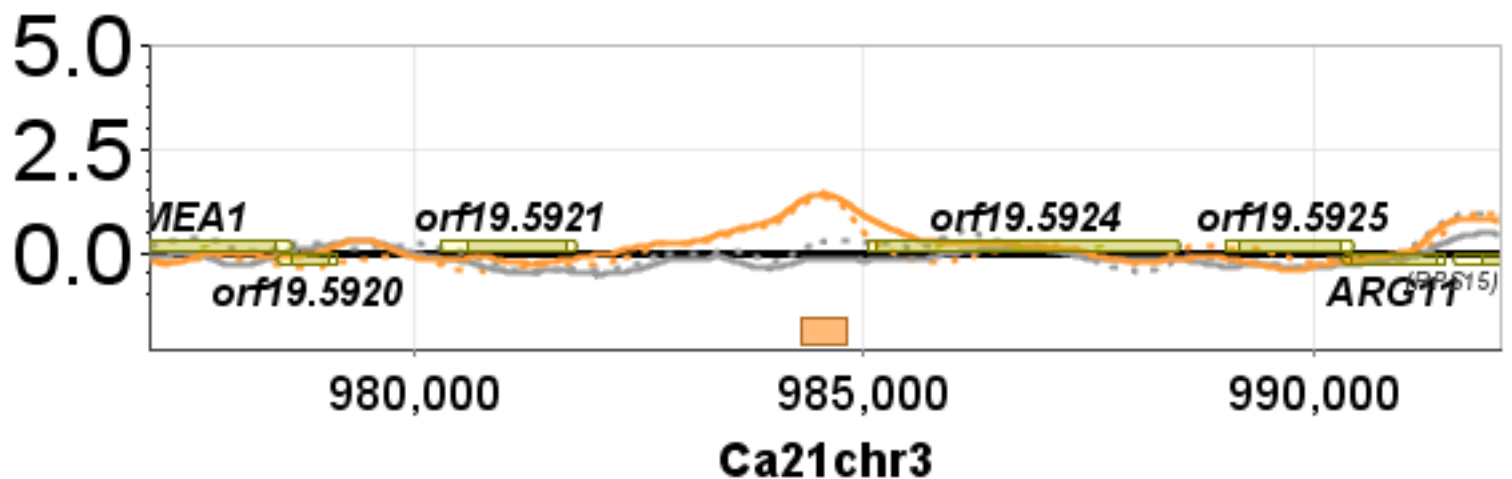
[1.433] Ca21chr5:701013-716012 [+] [ntar_915, ntar_914, orf19.4347, orf19.4346, ntar_916]



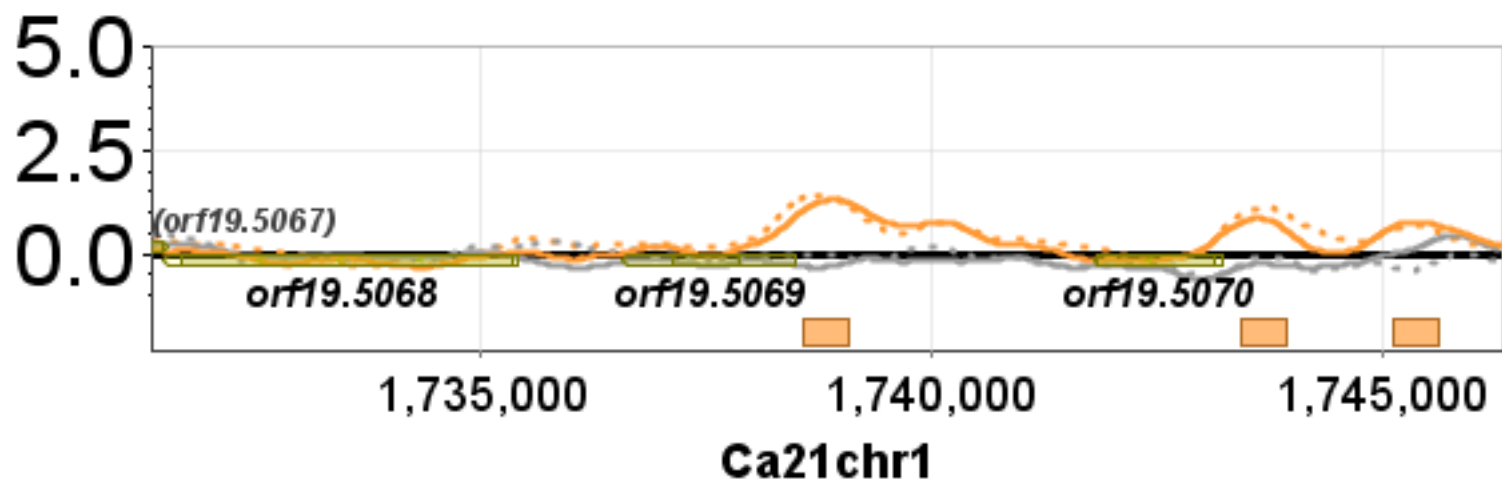
[1.428] Ca21chr7:621580-636579 [+] [ENA21, PMT1, orf19.5169, LIP9, TAF19]



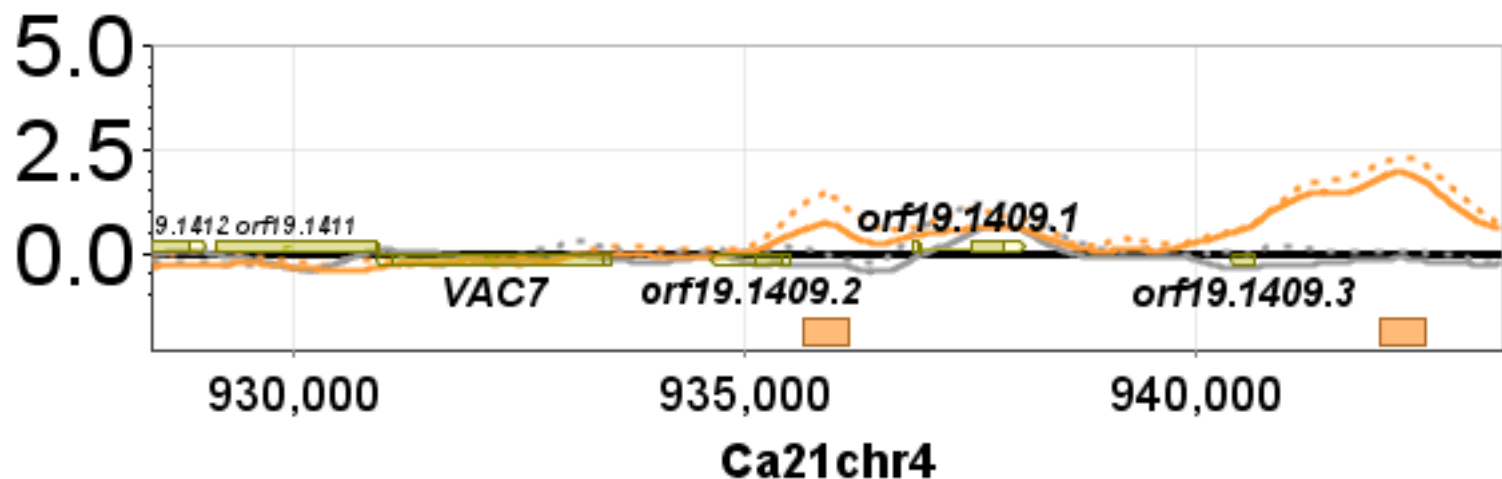
[1.424] Ca21chr3:977056-992055 [+] [orf19.5924, orf19.5921, orf19.5925, orf19.5920, ARG11]



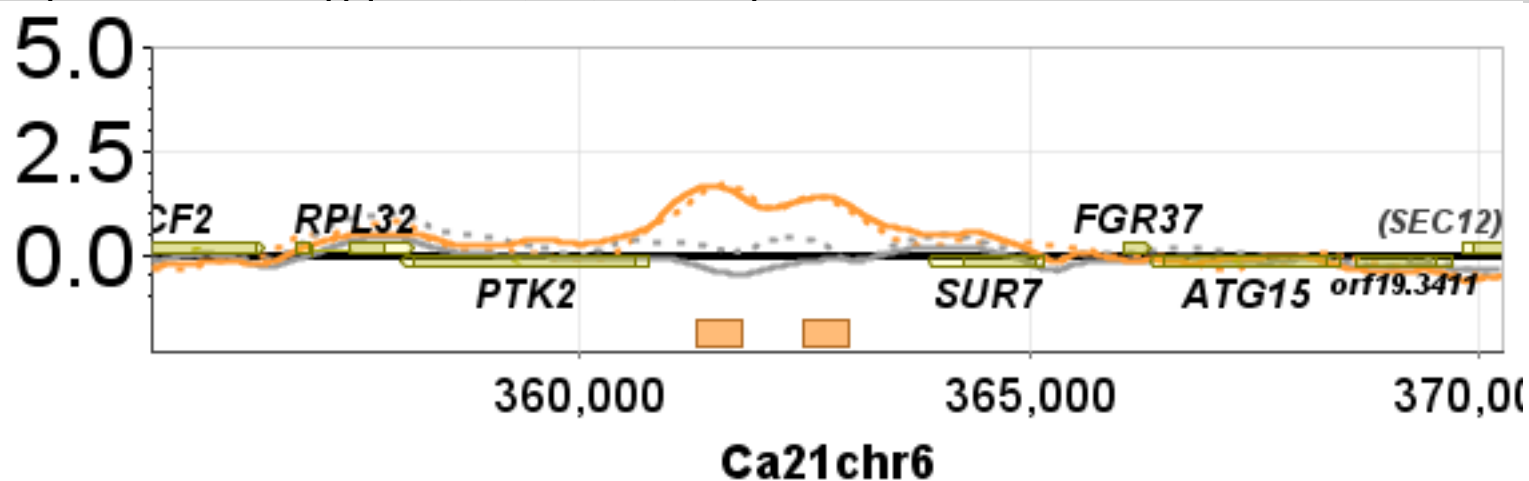
[1.421] Ca21chr1:1731334-1746333 [+] [ntar_163, orf19.5069, ntar_164, ntar_165, ntar_166]



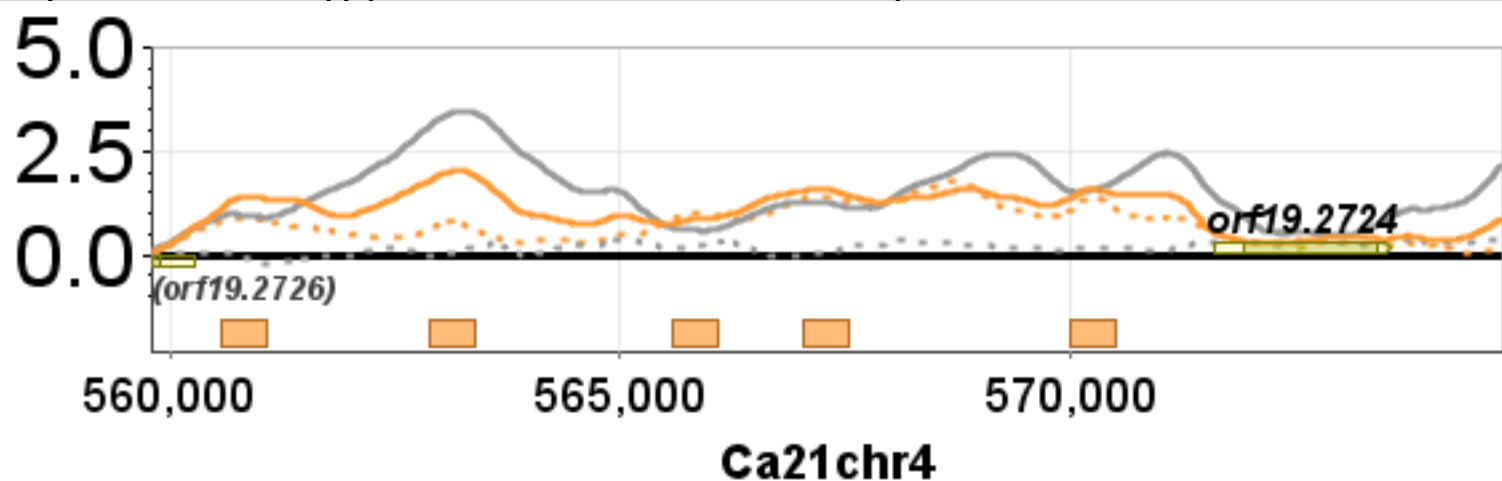
[1.419] Ca21chr4:928407-943406 [+] [orf19.1409.2, orf19.1409.1, VAC7, orf19.1409.3, ntar_798]



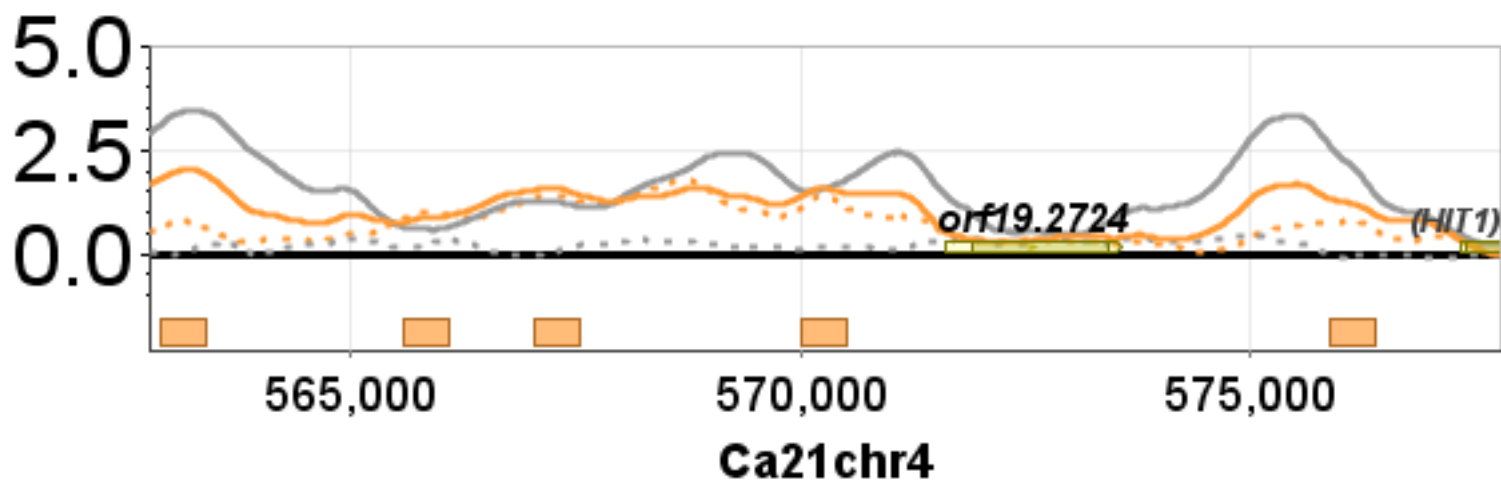
[1.418] Ca21chr6:355243-370242 [+] [ntar_996, PTK2, SUR7, FGR37, ATG15]



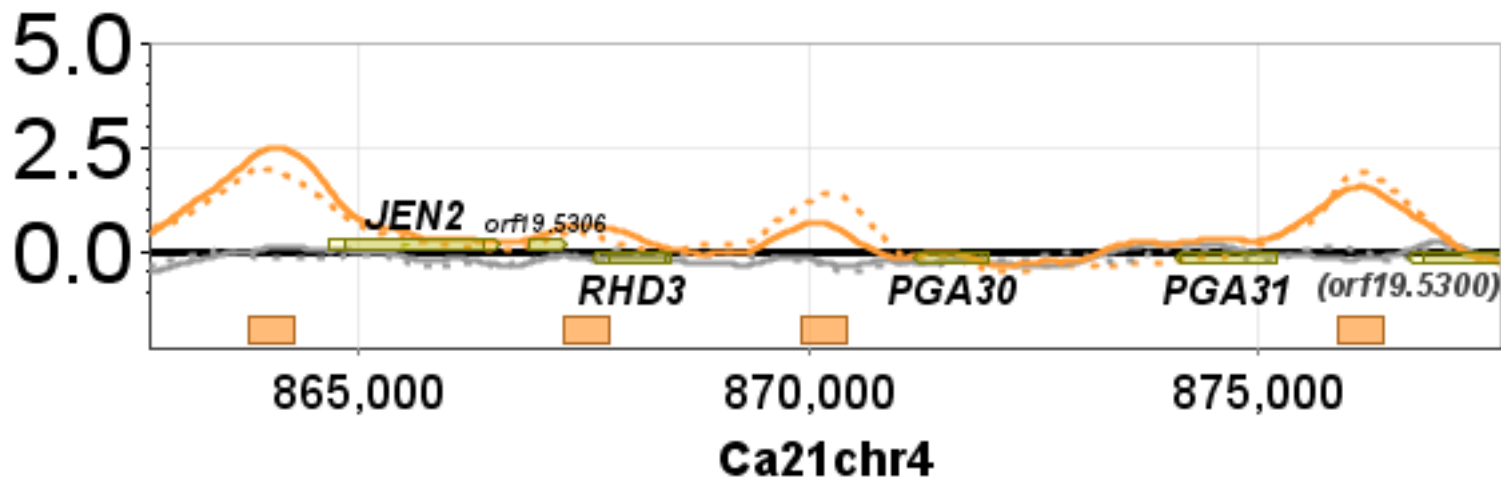
[1.411] Ca21chr4:559793-574792 [+] [orf19.2725, orf19.2724, orf19.2726, ntar_770, ntar_769]



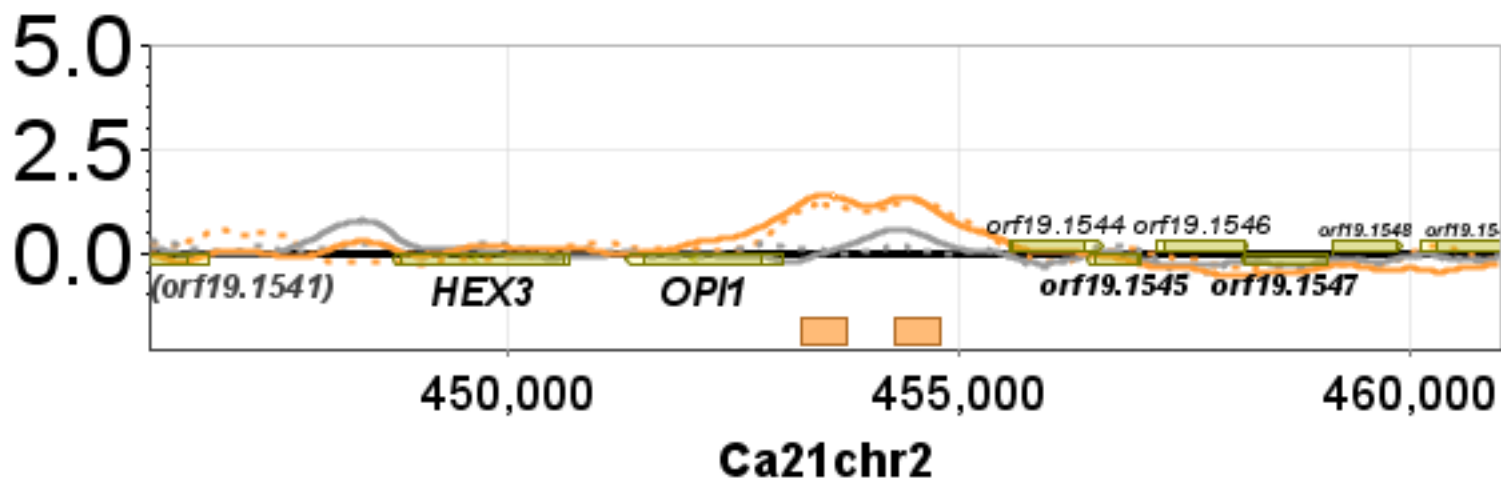
[1.396] Ca21chr4:562764-577763 [+] [orf19.2724, orf19.2725, ntar_770, HIT1]



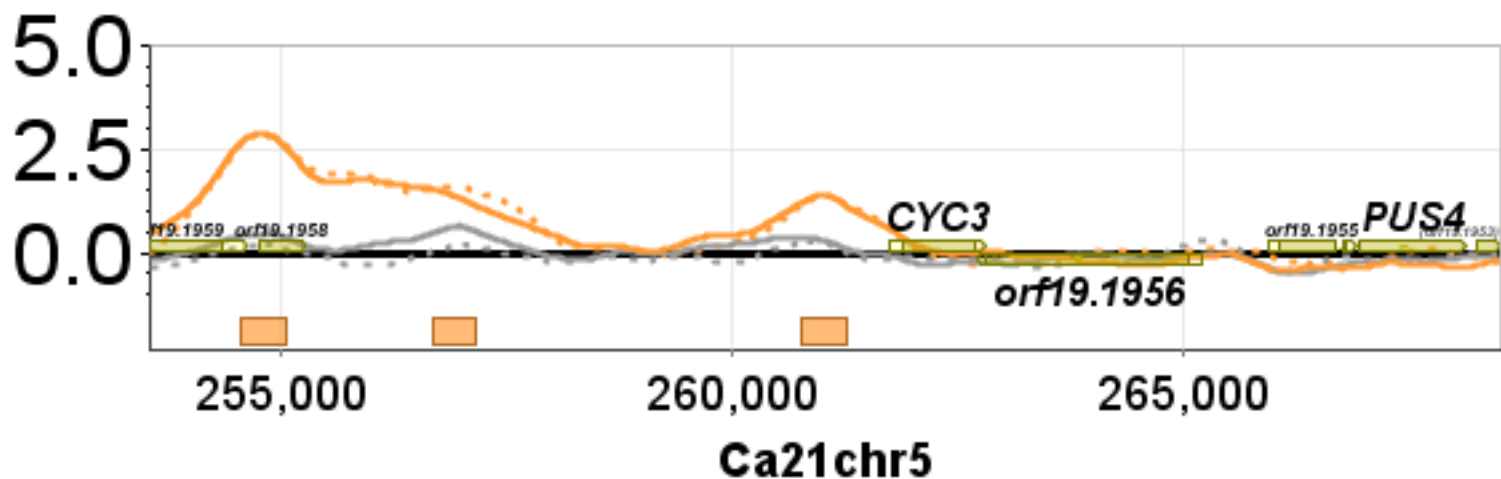
[1.394] Ca21chr4:862678-877677 [+] [orf19.5304, RHD3, PGA30, orf19.5306, PGA31]



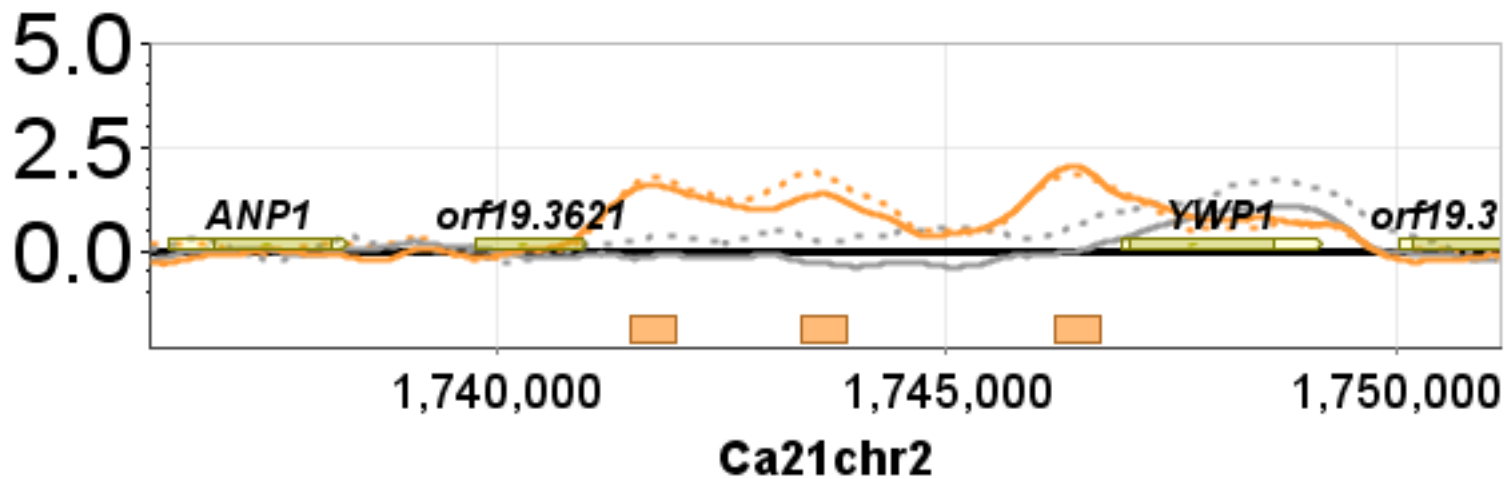
[1.389] Ca21chr2:446003-461002 [+] [OPI1, orf19.1544, ntar_329, HEX3, orf19.1545]



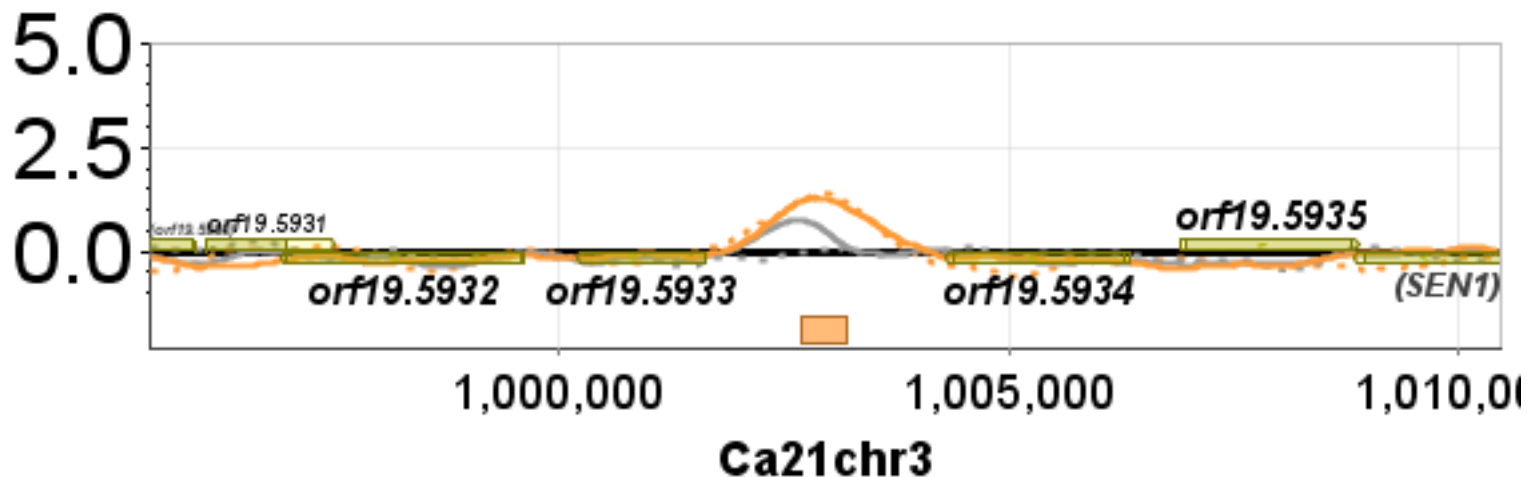
[1.38] Ca21chr5:253520-268519 [+] [CYC3, ntar_867, orf19.1956, ntar_866, ntar_1424]



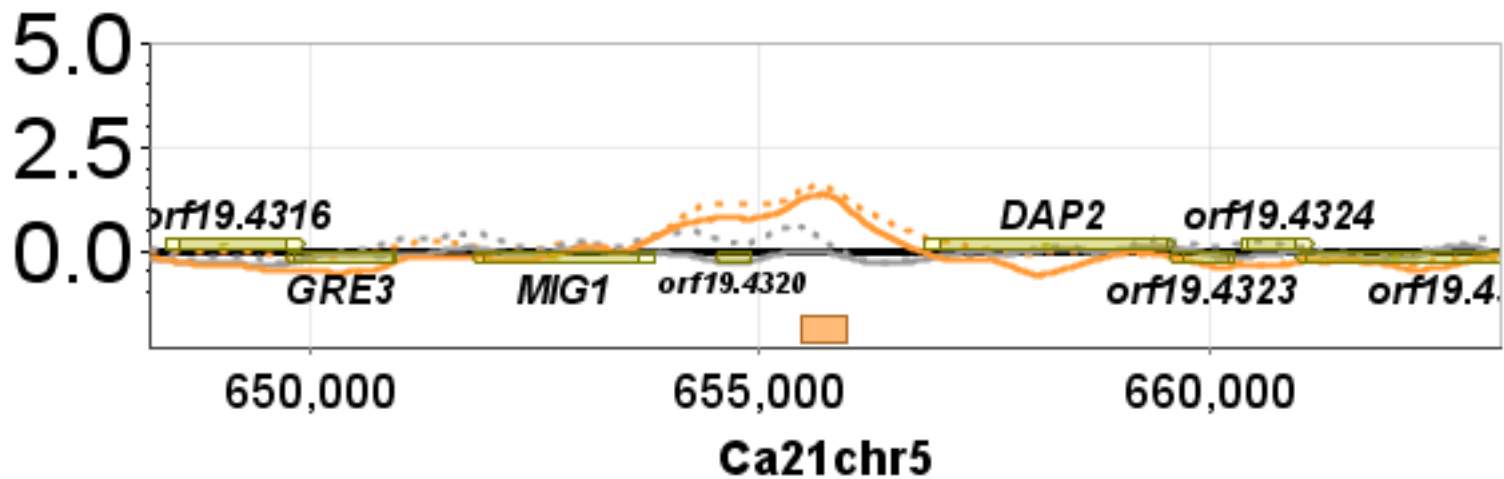
[1.375] Ca21chr2:1736143-1751142 [+] [ntar_448, ntar_450, ntar_449, ntar_446, ntar_451]



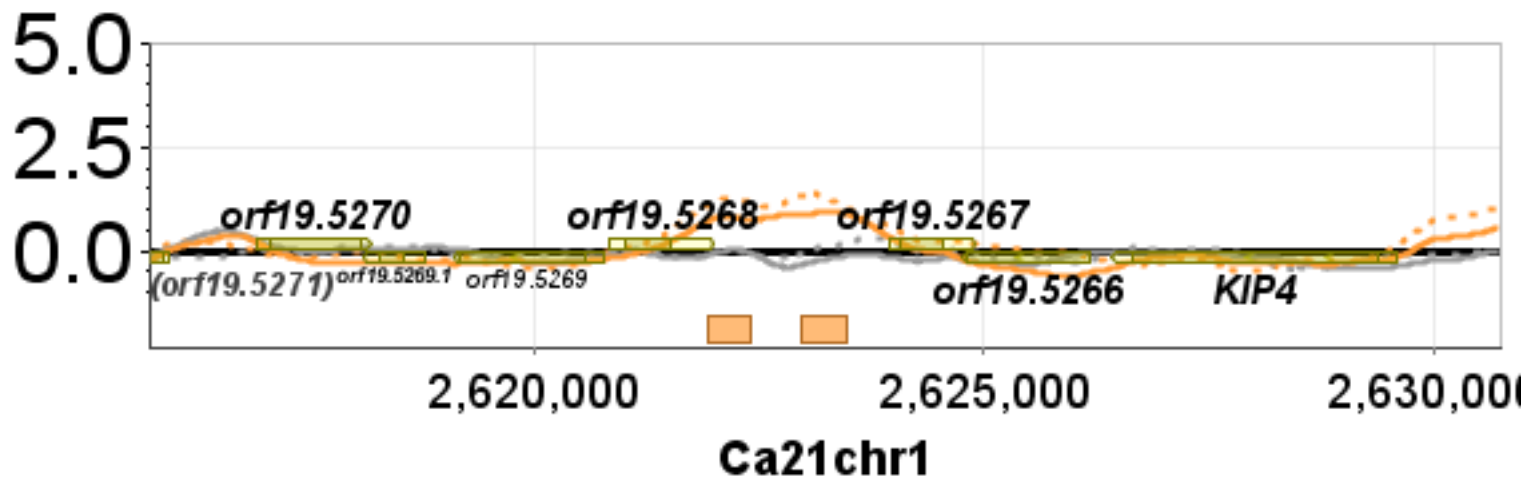
[1.374] Ca21chr3:995452-1010451 [+] [orf19.5933, orf19.5932, orf19.5934, orf19.5935, orf19.5931]



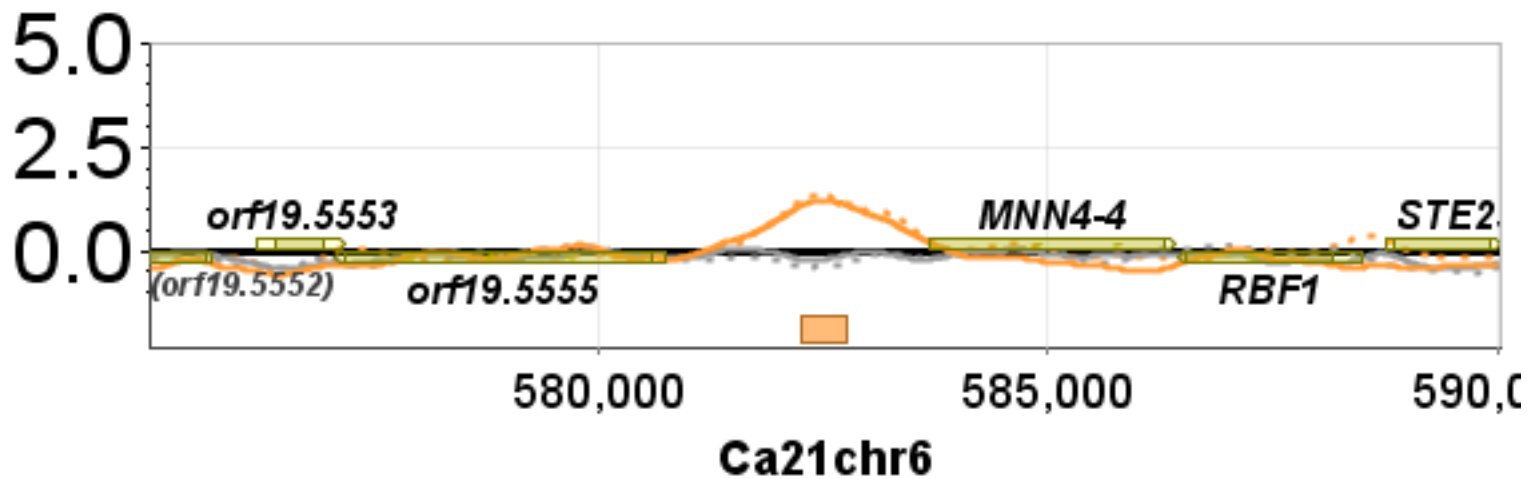
[1.37] Ca21chr5:648217-663216 [+] [orf19.4321, ntar_909, orf19.4320, ntar_908, DAP2]



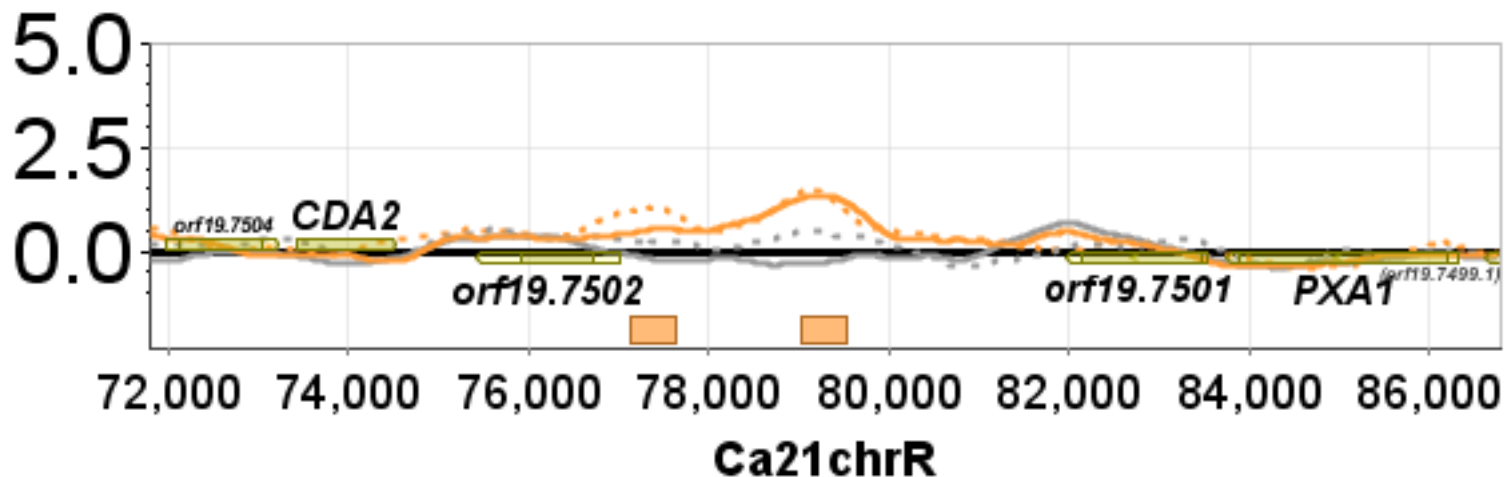
[1.369] Ca21chr1:2615731-2630730 [+] [orf19.5267, ntar_246, orf19.5268, orf19.5269, orf19.5266]



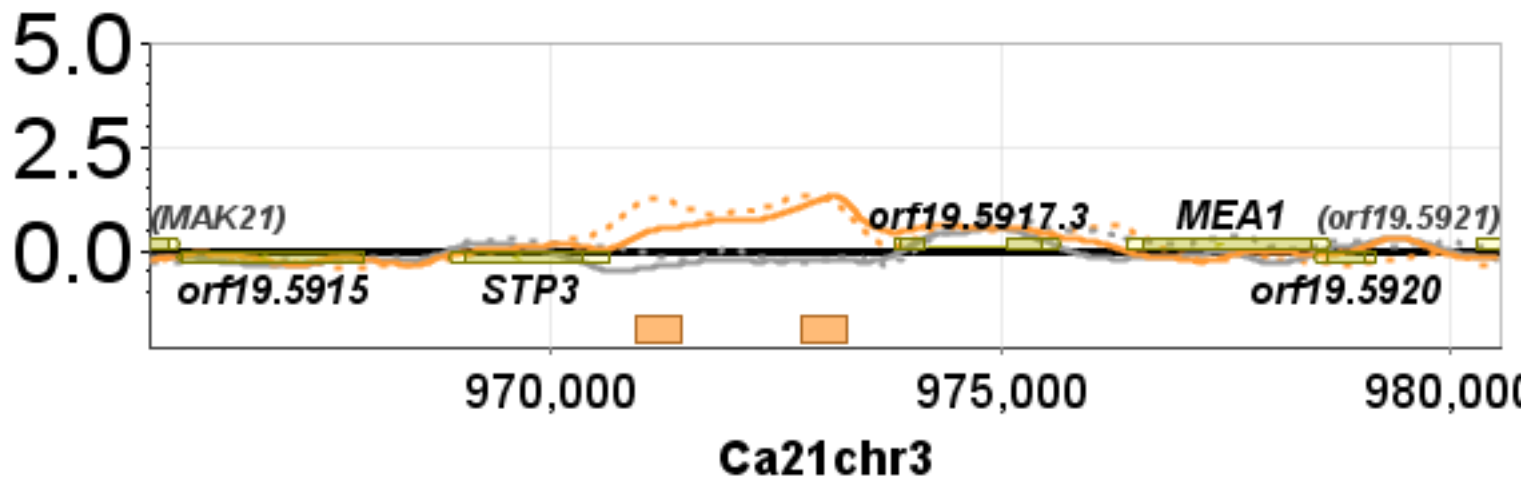
[1.364] Ca21chr6:575019-590018 [+] [orf19.5556, MNN4-4, orf19.5555, ntar_1010, ntar_1011]



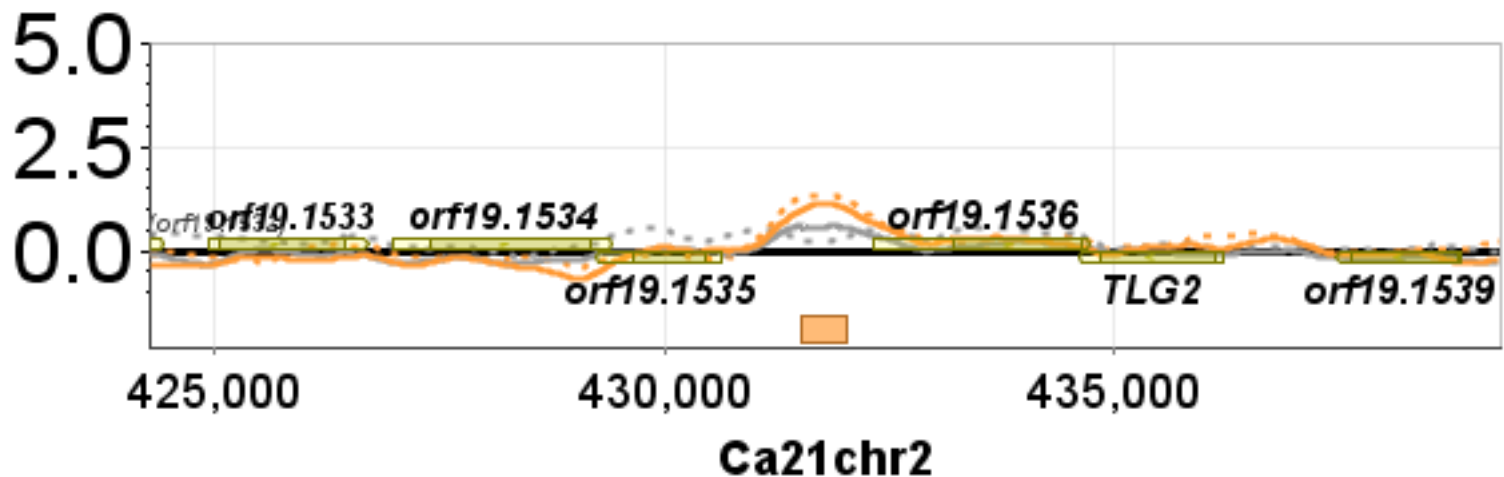
[1.353] Ca21chrR:71781-86780 [+] [orf19.7502, orf19.7501, CDA2, PXA1, orf19.7504]



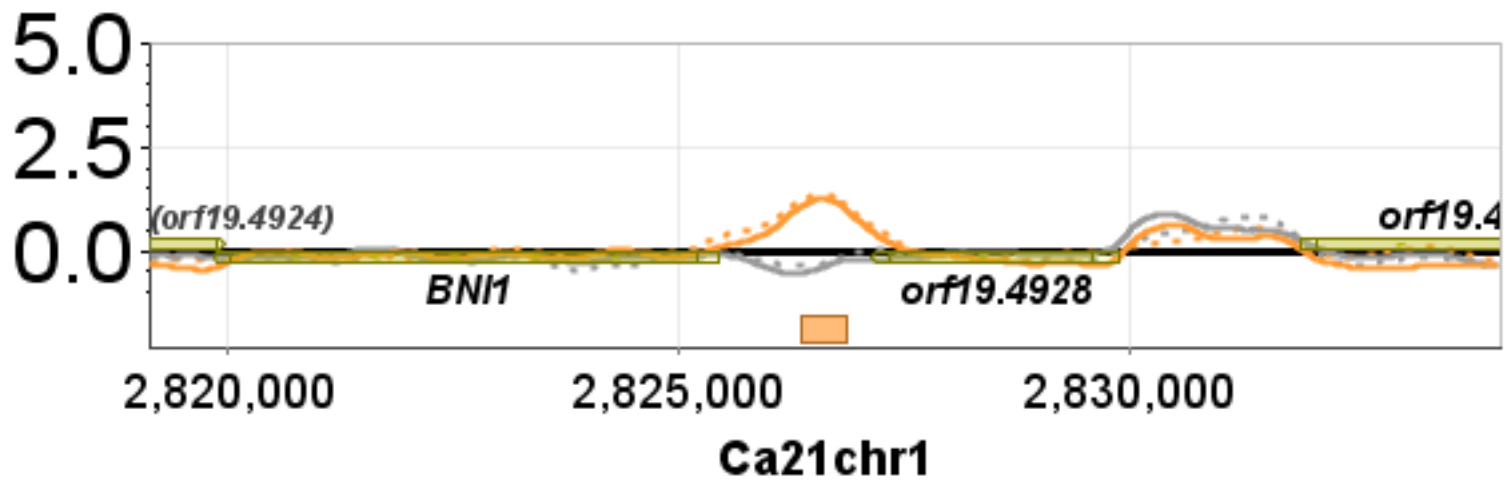
[1.349] Ca21chr3:965542-980541 [+] [orf19.5917.3, STP3, orf19.5918, MEA1, orf19.5915]



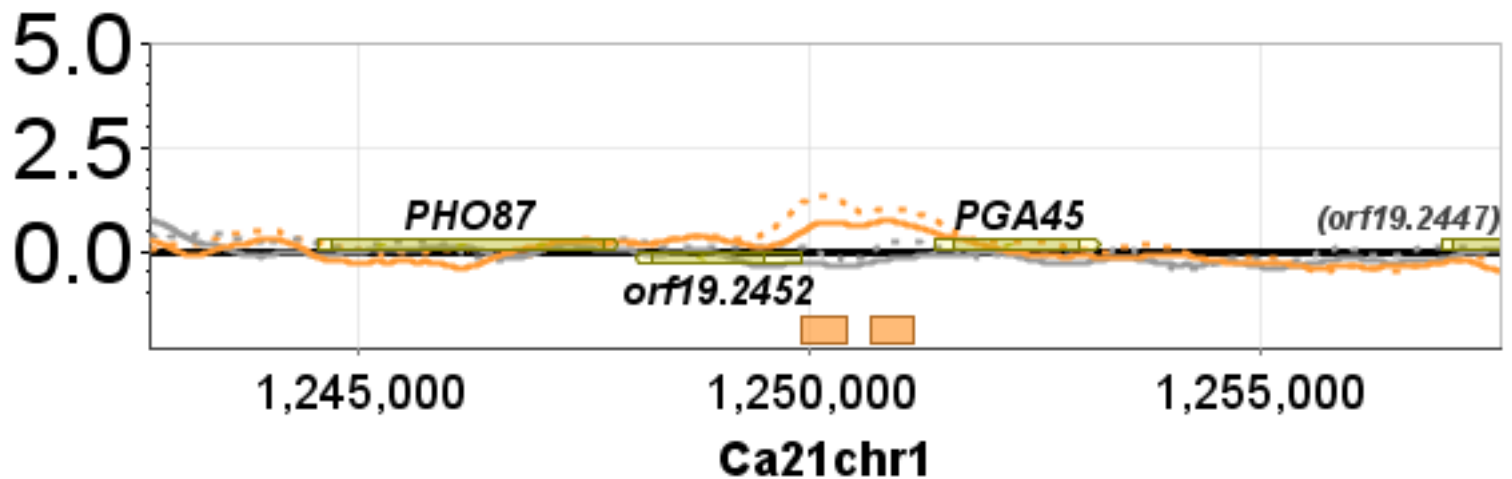
[1.346] Ca21chr2:424272-439271 [+] [orf19.1536, orf19.1535, ntar_327, TLG2, orf19.1534]



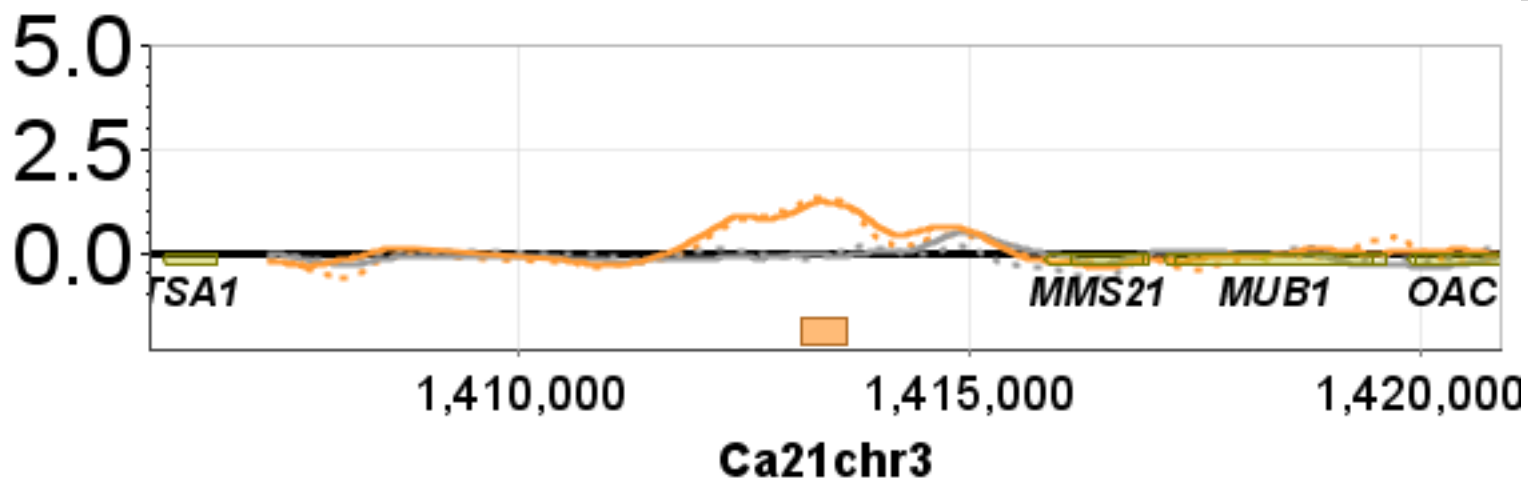
[1.345] Ca21chr1:2819118-2834117 [+] [ntar_255, BNI1, orf19.4928, ntar_256, orf19.4929]



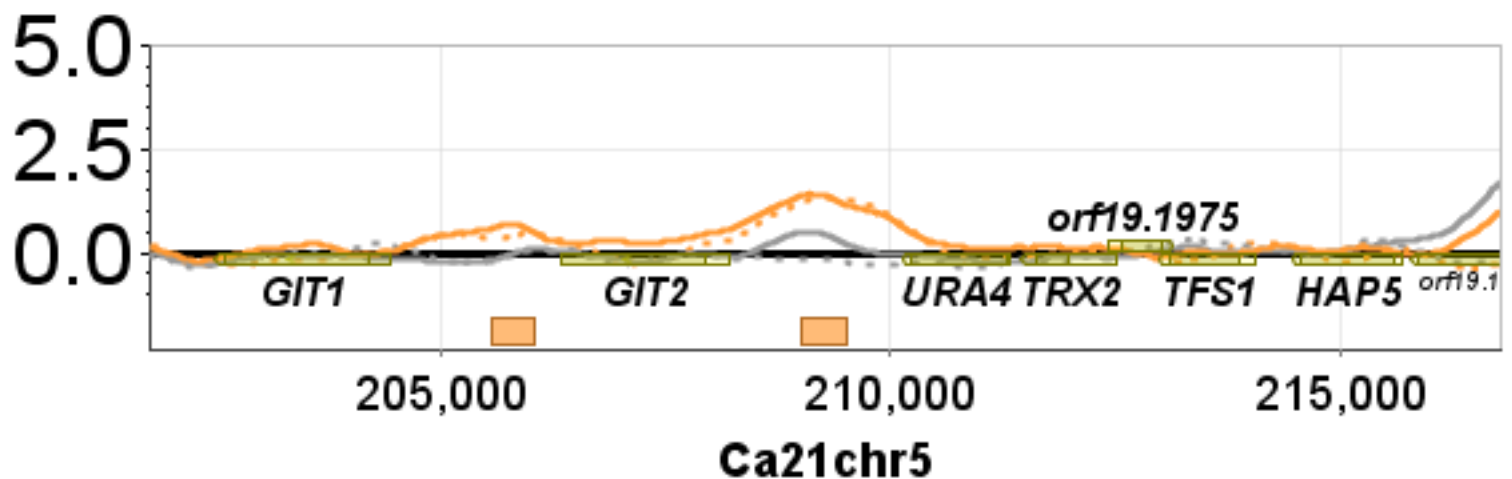
[1.339] Ca21chr1:1242663-1257662 [+] [orf19.2452, PGA45, orf19.2449, PHO87, ntar_122]



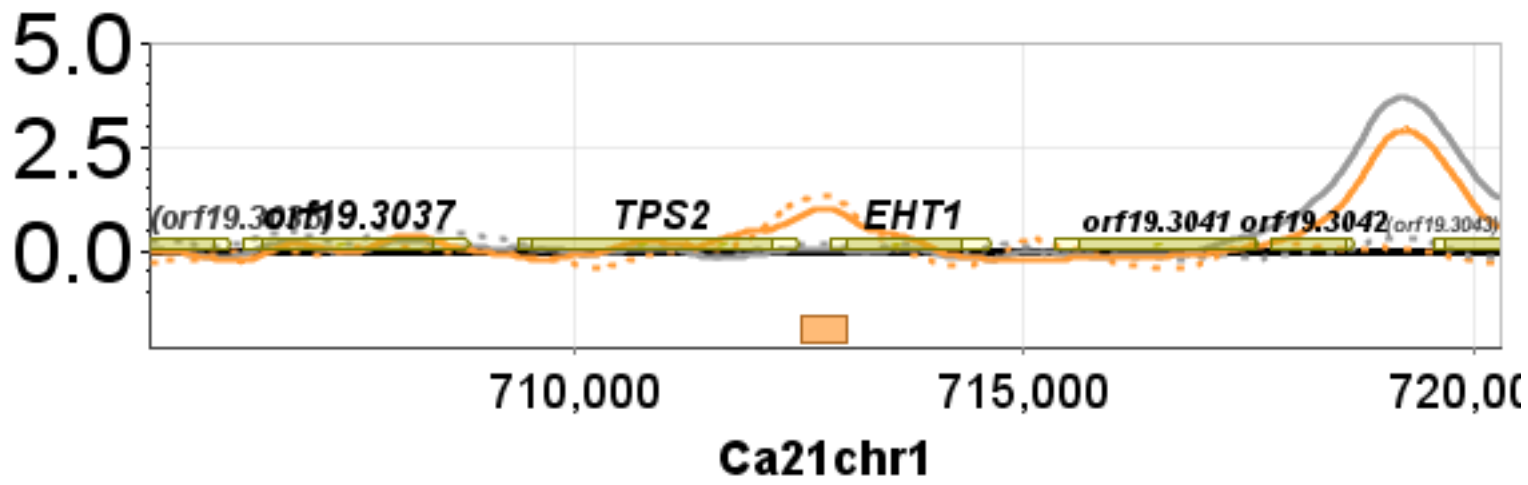
[1.338] Ca21chr3:1405885-1420884 [+] [ALS6, MMS21, ntar_654, MUB1, TSA1]



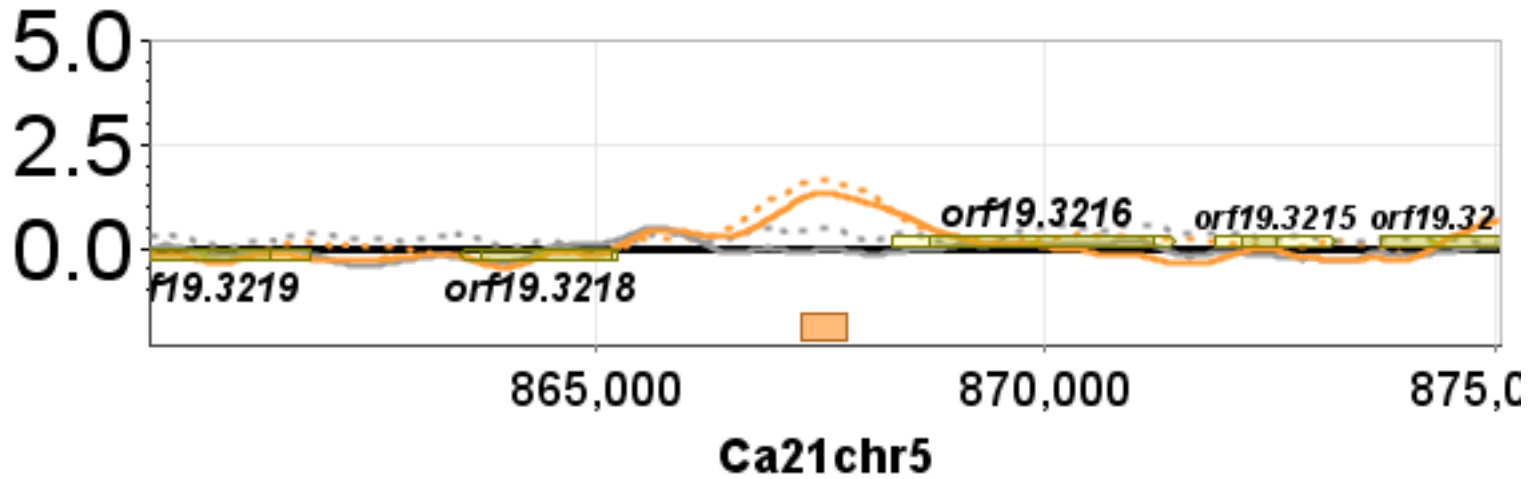
[1.336] Ca21chr5:201760-216759 [+] [GIT2, URA4, orf19.1975, TRX2, TFS1]



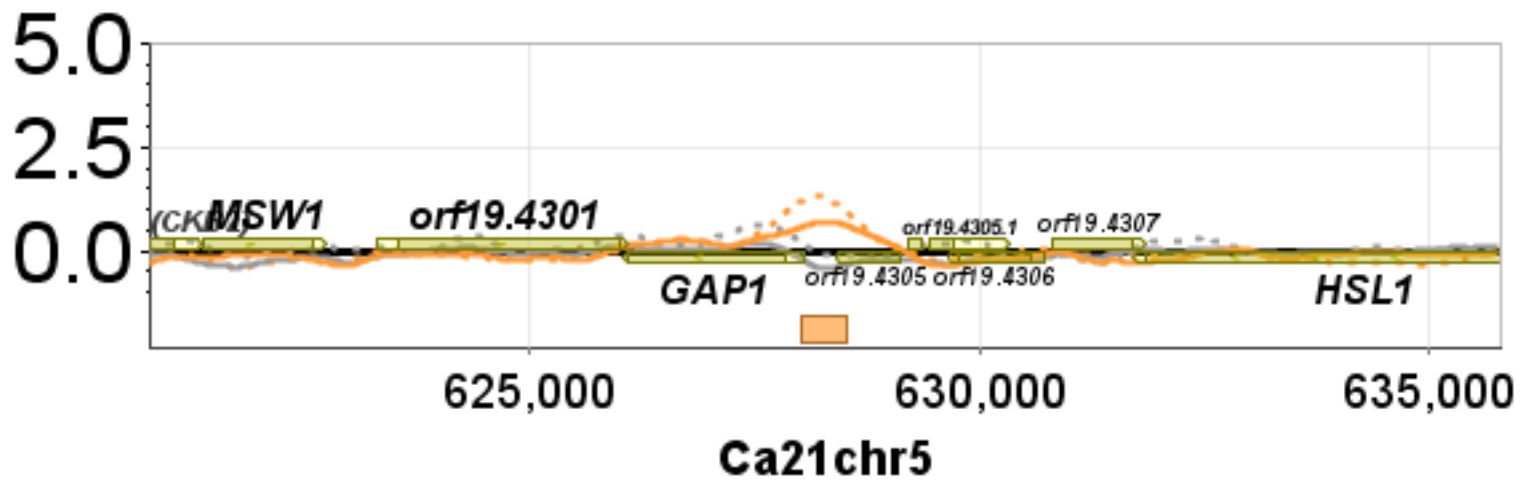
[1.33] Ca21chr1:705286-720285 [+] [EHT1, ntar_74, orf19.3041, TPS2, ntar_73]



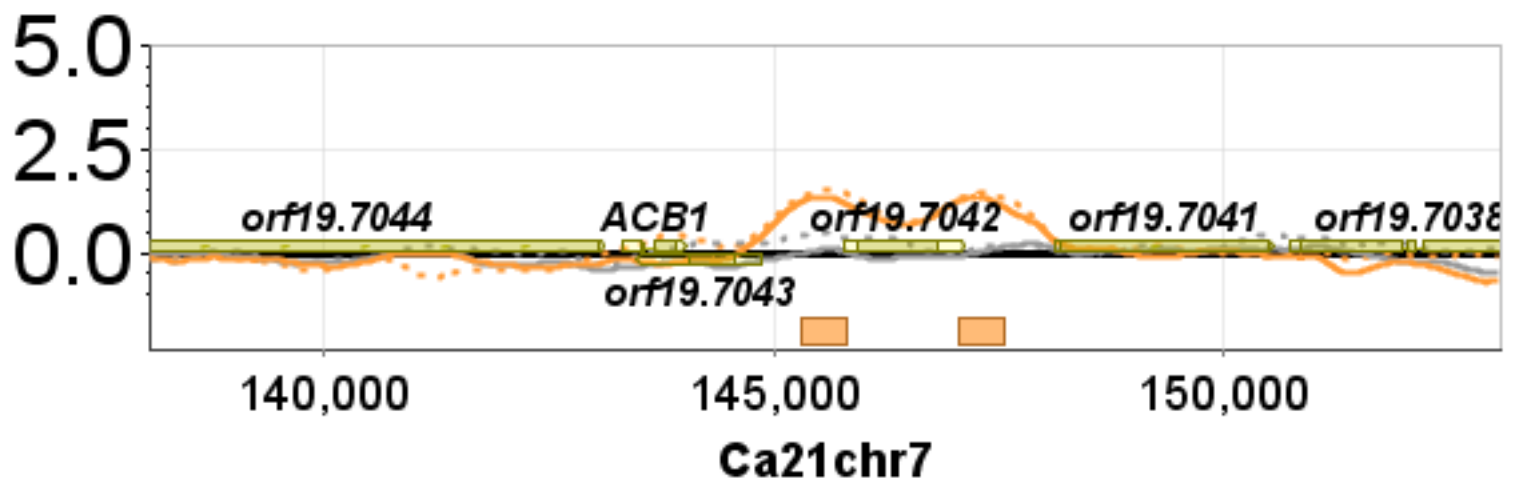
[1.328] Ca21chr5:860045-875044 [+] [orf19.3216, orf19.3218, ntar_932, orf19.3215, ntar_931]



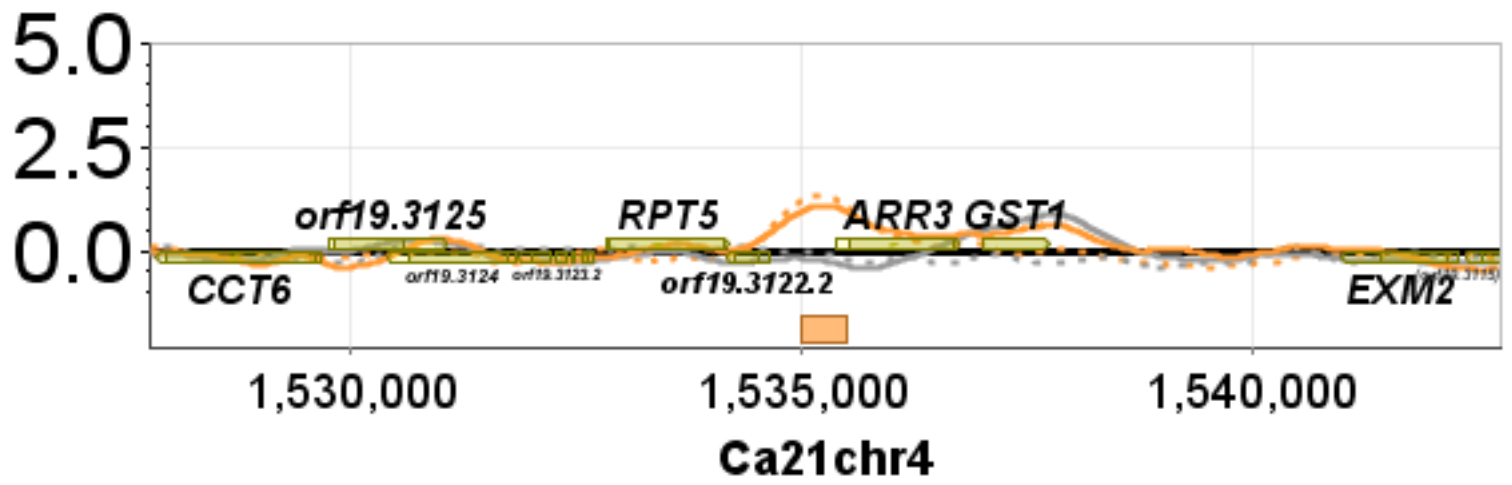
[1.326] Ca21chr5:620777-635776 [+] [GAP1, orf19.4305, orf19.4305.1, orf19.4306, orf19.4307]



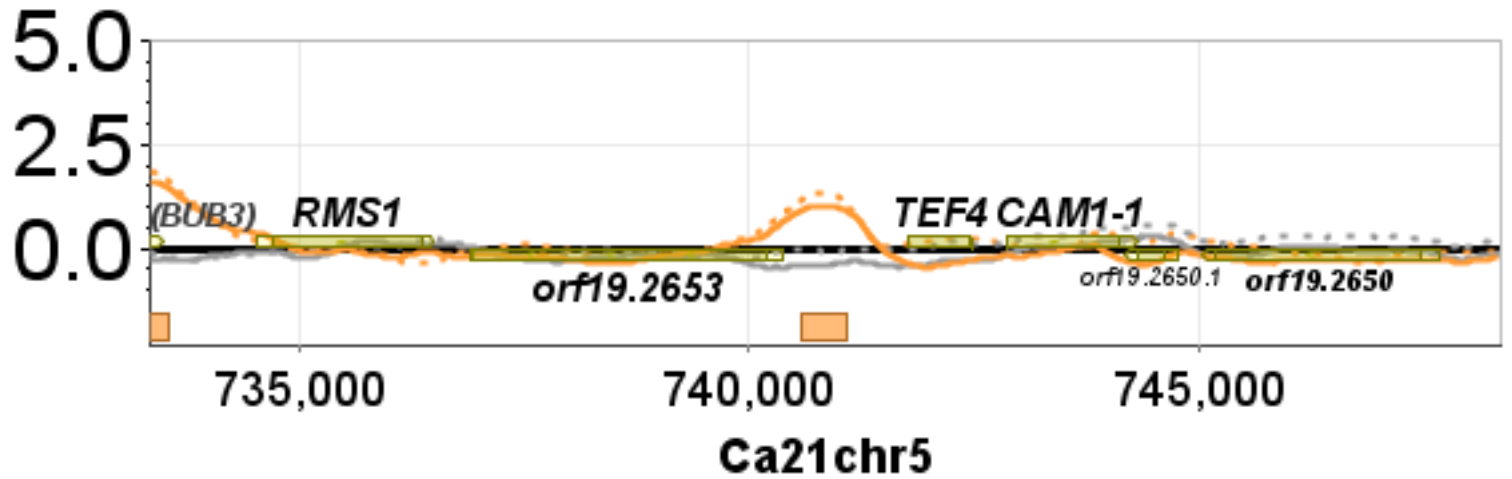
[1.326] Ca21chr7:138061-153060 [+] [orf19.7042, orf19.7043, ACB1, ntar_1062, orf19.7041]



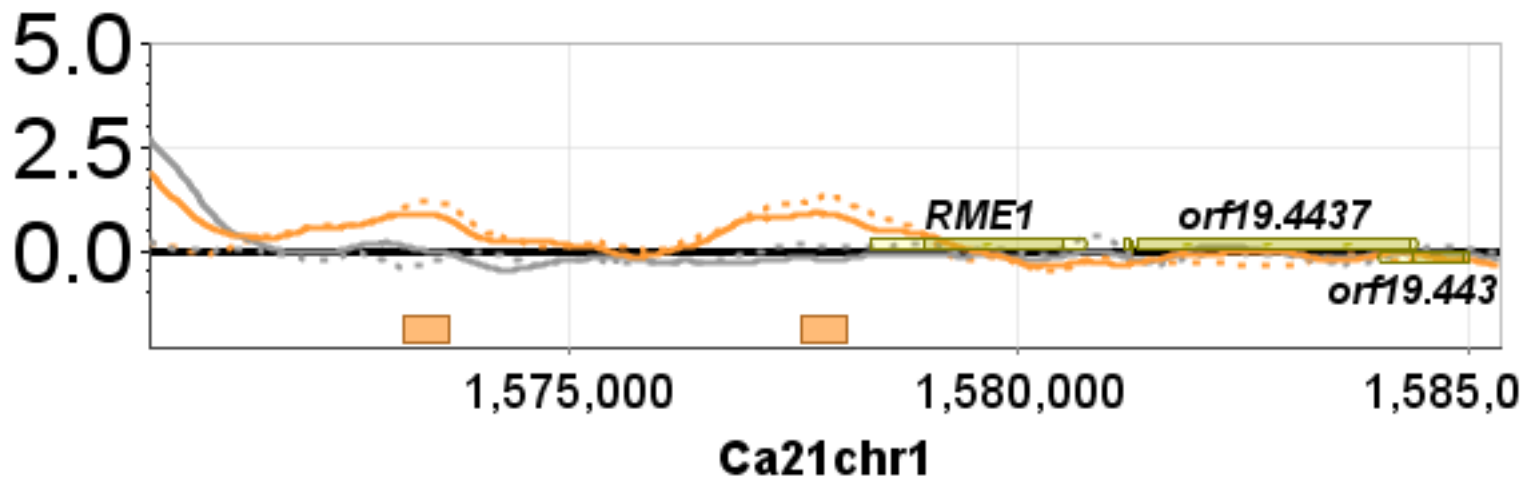
[1.322] Ca21chr4:1527752-1542751 [+] [ARR3, orf19.3122.2, GST1, RPT5, orf19.3123.2]



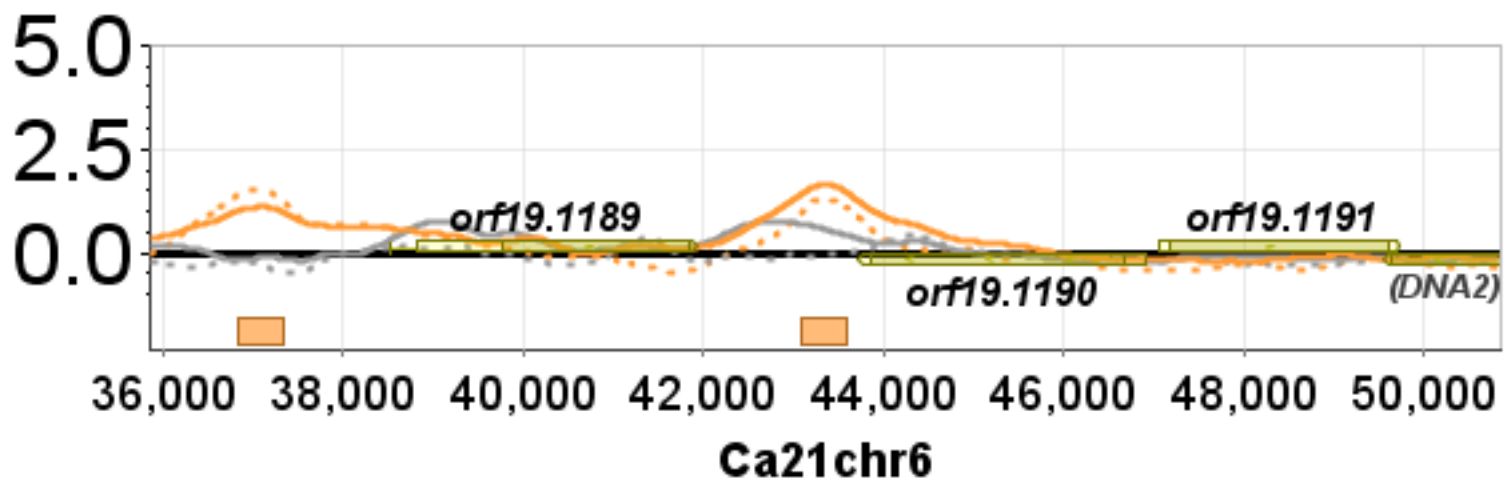
[1.319] Ca21chr5:733336-748335 [+] [orf19.2653, TEF4, CAM1-1, orf19.2650.1, RMS1]



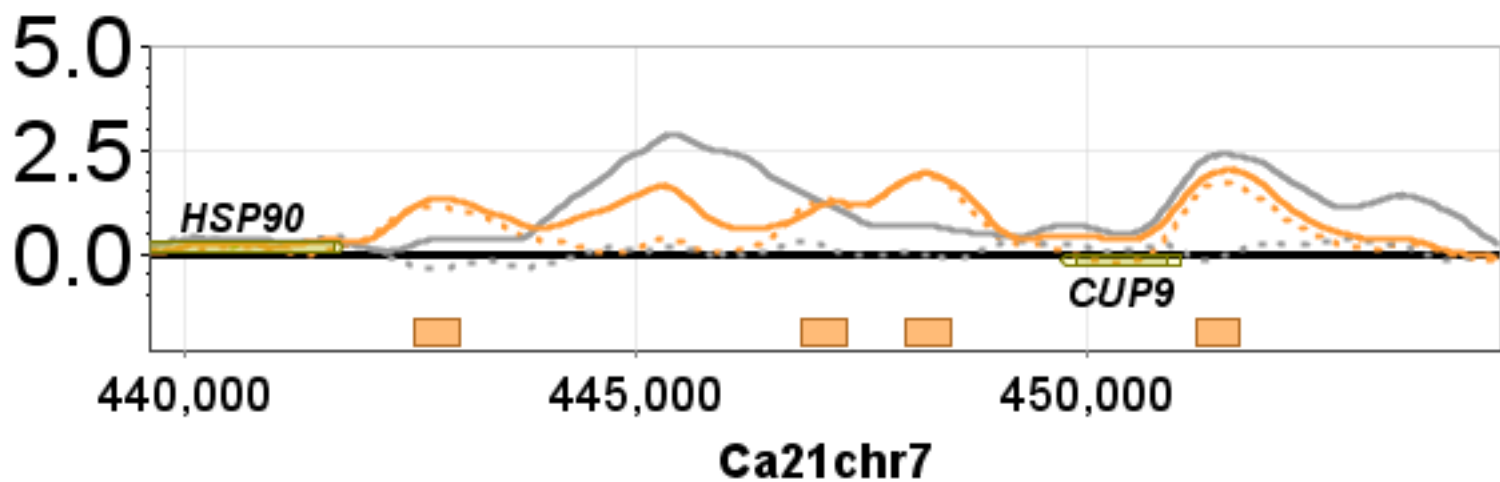
[1.318] Ca21chr1:1570343-1585342 [+] [RME1, ntar_141, orf19.4437, ntar_140, ntar_139]



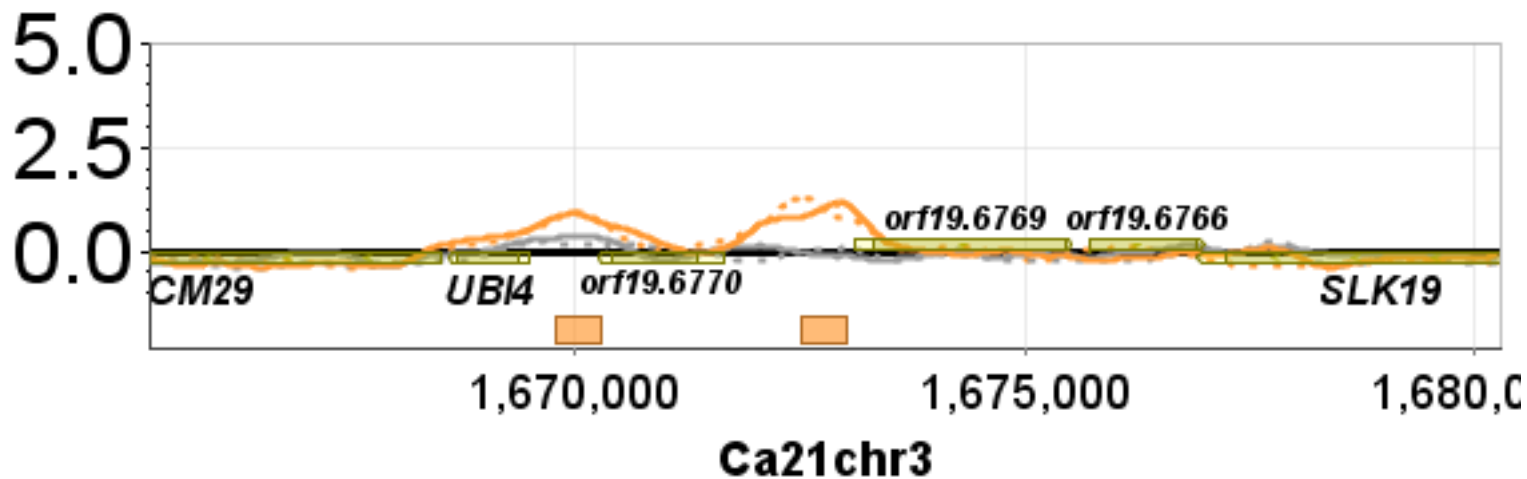
[1.315] Ca21chr6:35841-50840 [+] [orf19.1190, orf19.1191, orf19.1189, ntar_969, DNA2]



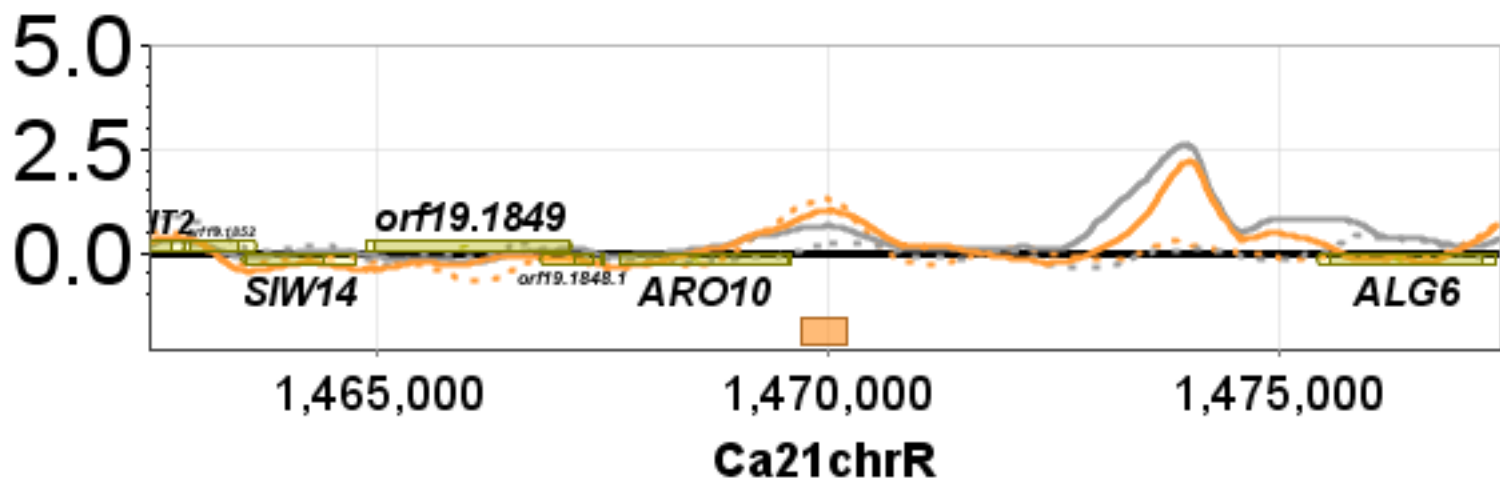
[1.312] Ca21chr7:439588-454587 [+] [ntar_1102, ntar_1103, ntar_1101, CUP9, HSP90]



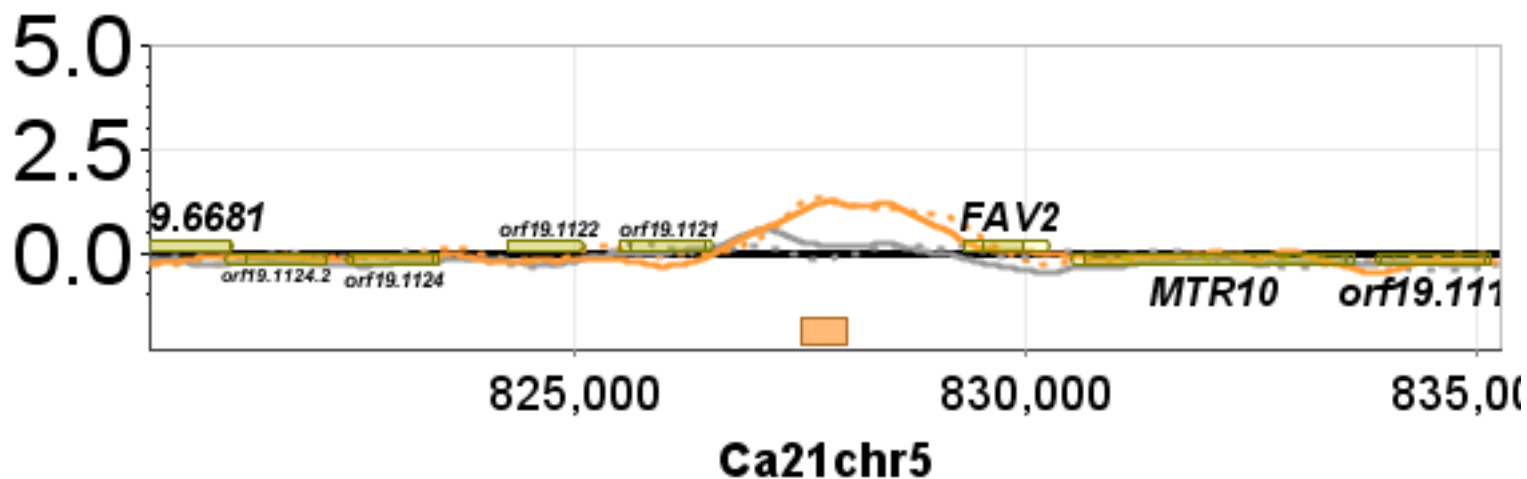
[1.311] Ca21chr3:1665277-1680276 [+] [ntar_680, orf19.6769, orf19.6770, ntar_679, orf19.6766]



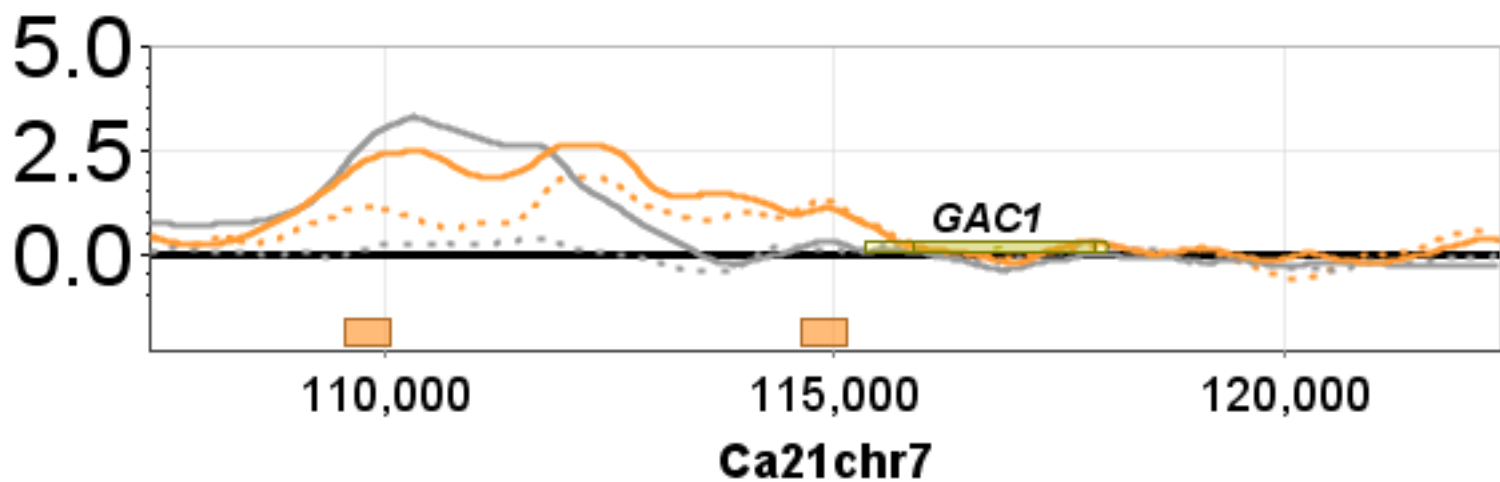
[1.31] Ca21chrR:1462460-1477459 [+] [ARO10, ntar_1328, orf19.1848.1, orf19.1844, ts(aga)2]



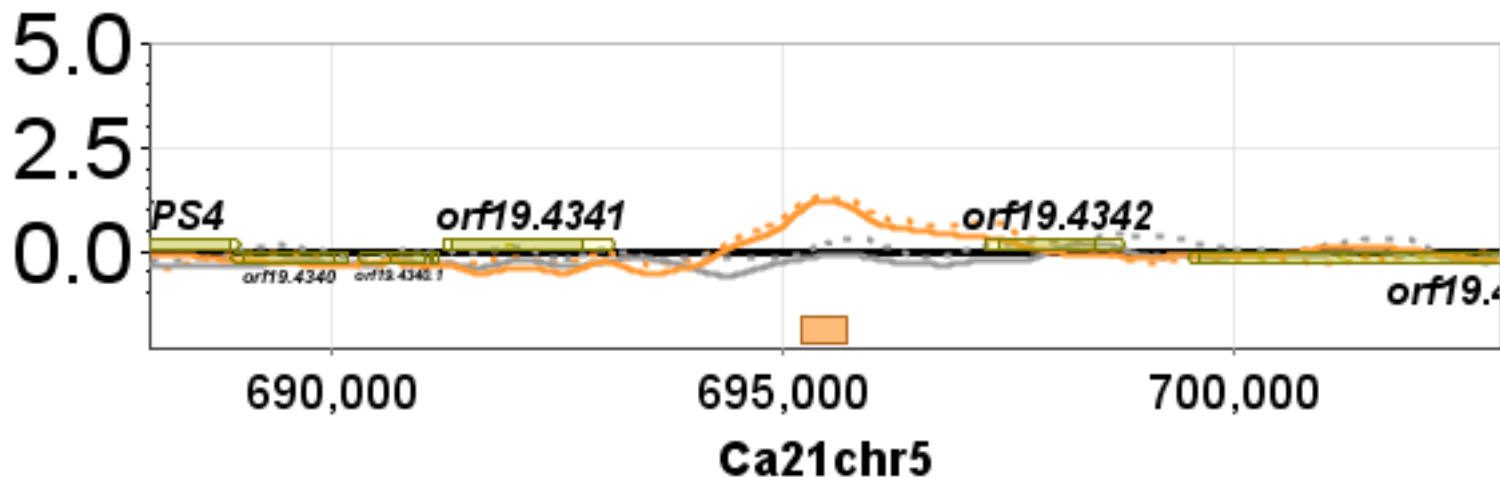
[1.308] Ca21chr5:820266-835265 [+] [FAV2, orf19.1121, orf19.1122, orf19.1123, orf19.1124]



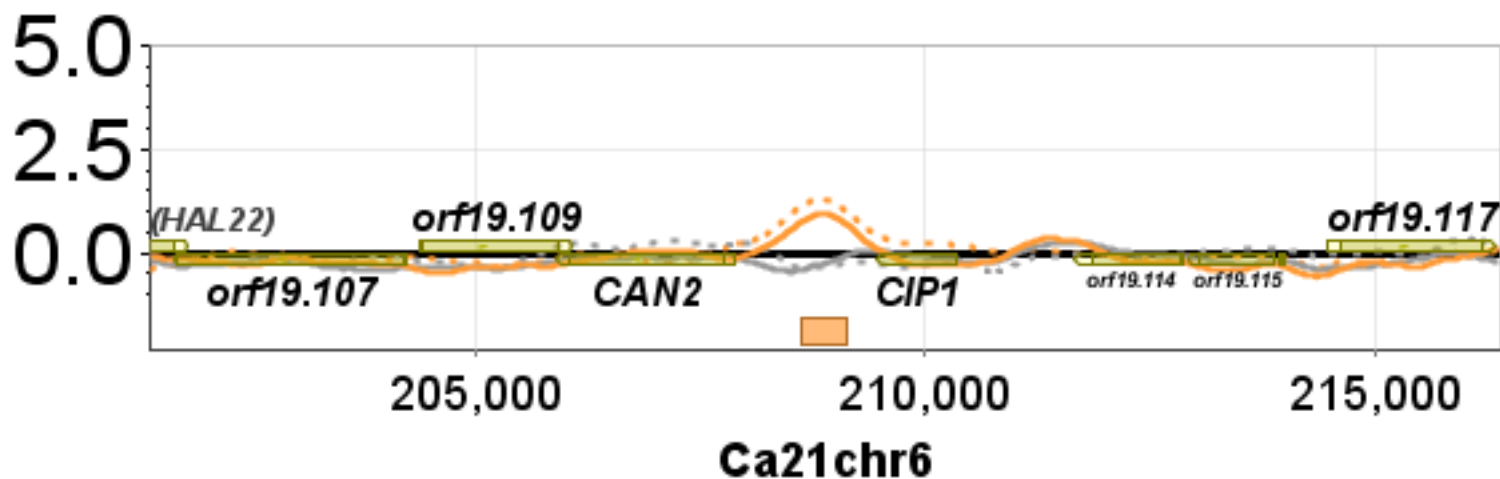
[1.305] Ca21chr7:107387-122386 [+] [GAC1, orf19.7054, ntar_1413, ntar_1056, ntar_1057]



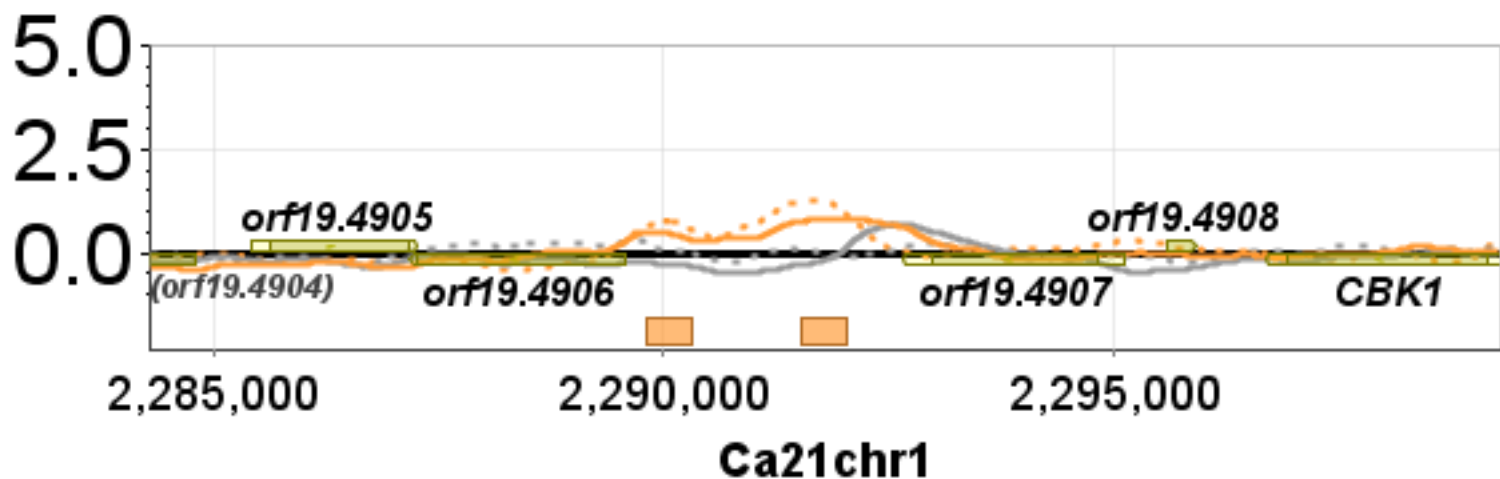
[1.302] Ca21chr5:687959-702958 [+] [ntar_913, orf19.4342, orf19.4341, orf19.4340.1, orf19.4340]



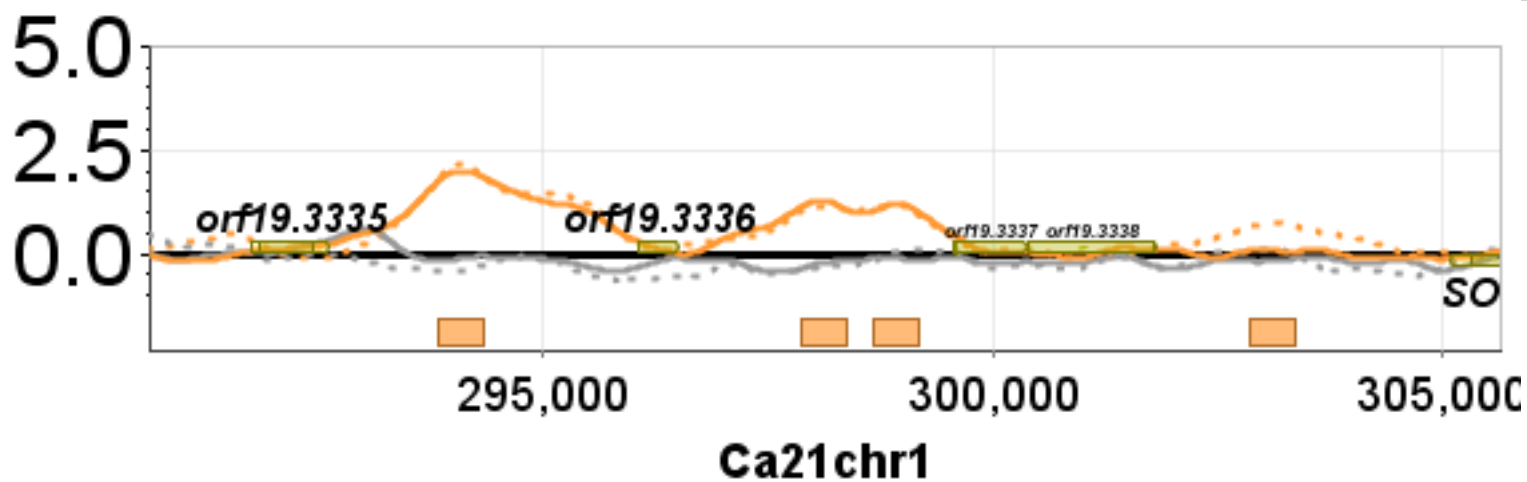
[1.302] Ca21chr6:201382-216381 [+] [CAN2, CIP1, orf19.114, orf19.109, orf19.107]



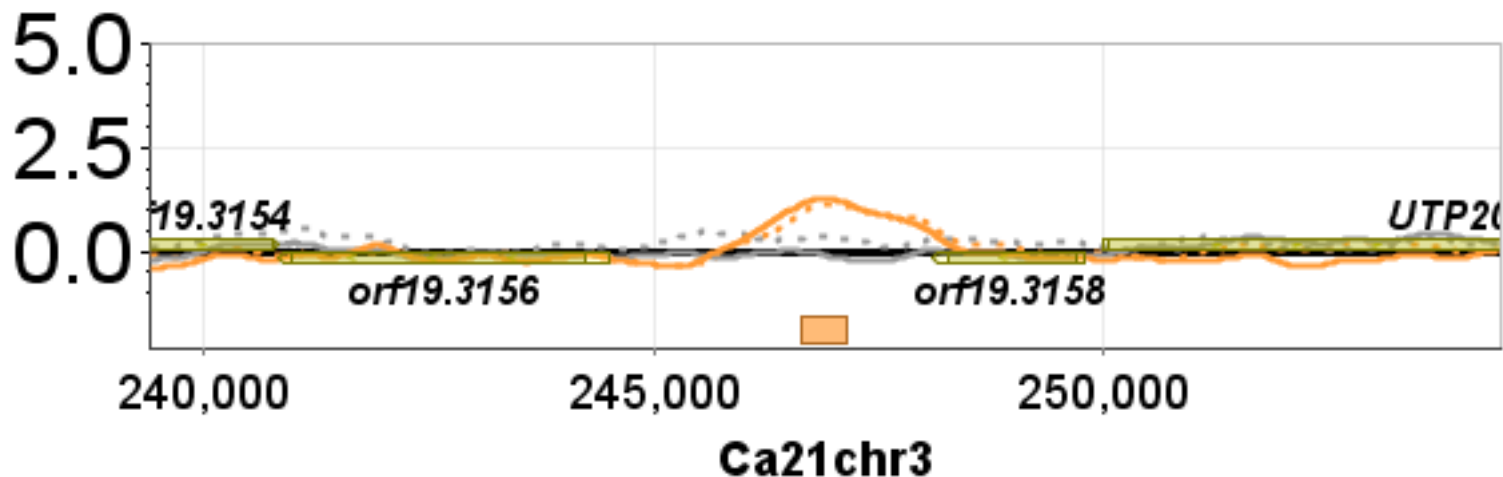
[1.294] Ca21chr1:2284281-2299280 [+] [orf19.4906, orf19.4907, orf19.4908, ntar_213, ntar_214]



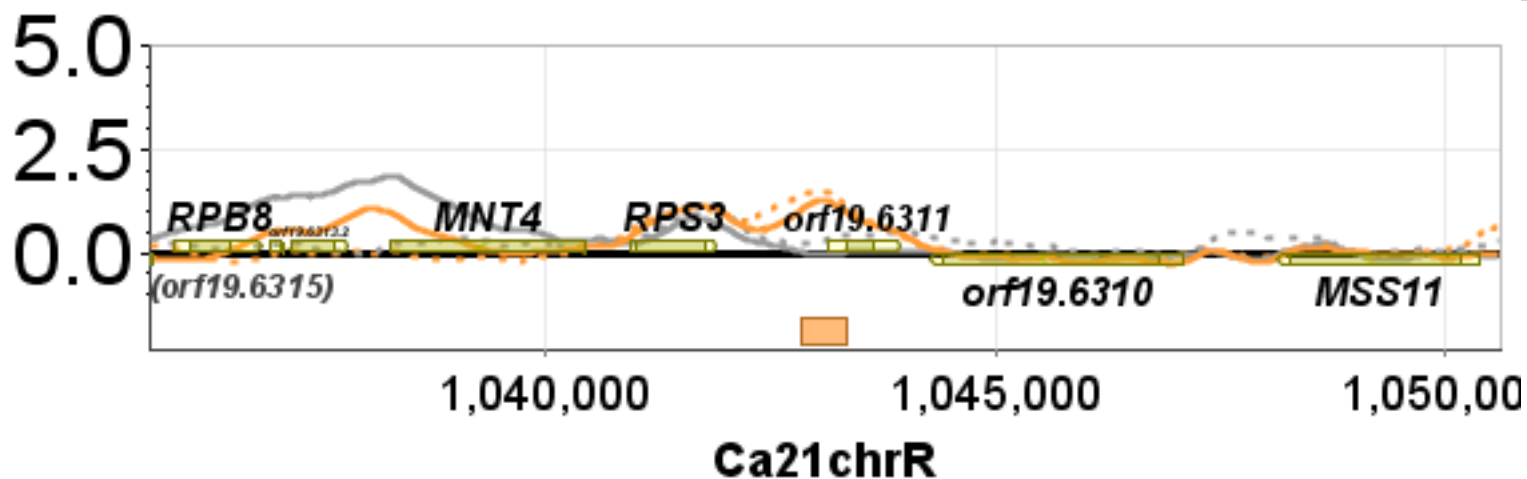
[1.291] Ca21chr1:290628-305627 [+] [orf19.3337, orf19.3336, orf19.3338, orf19.3335, ntar_28]



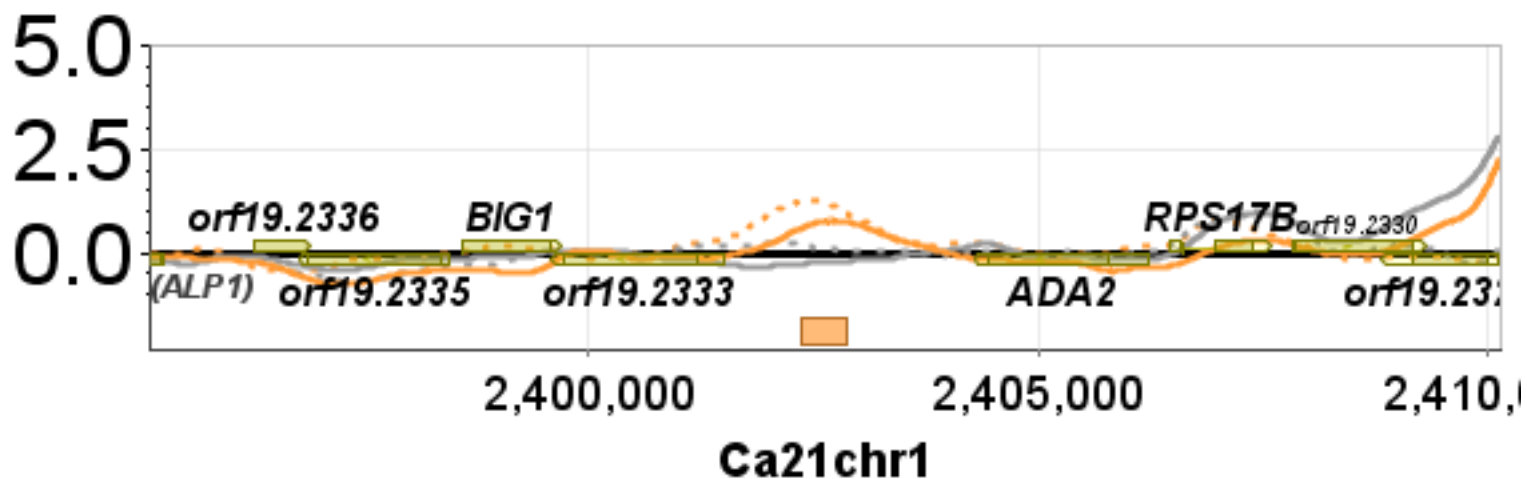
[1.287] Ca21chr3:239393-254392 [+] [ntar_543, ntar_544, orf19.3156, orf19.3158, UTP20]



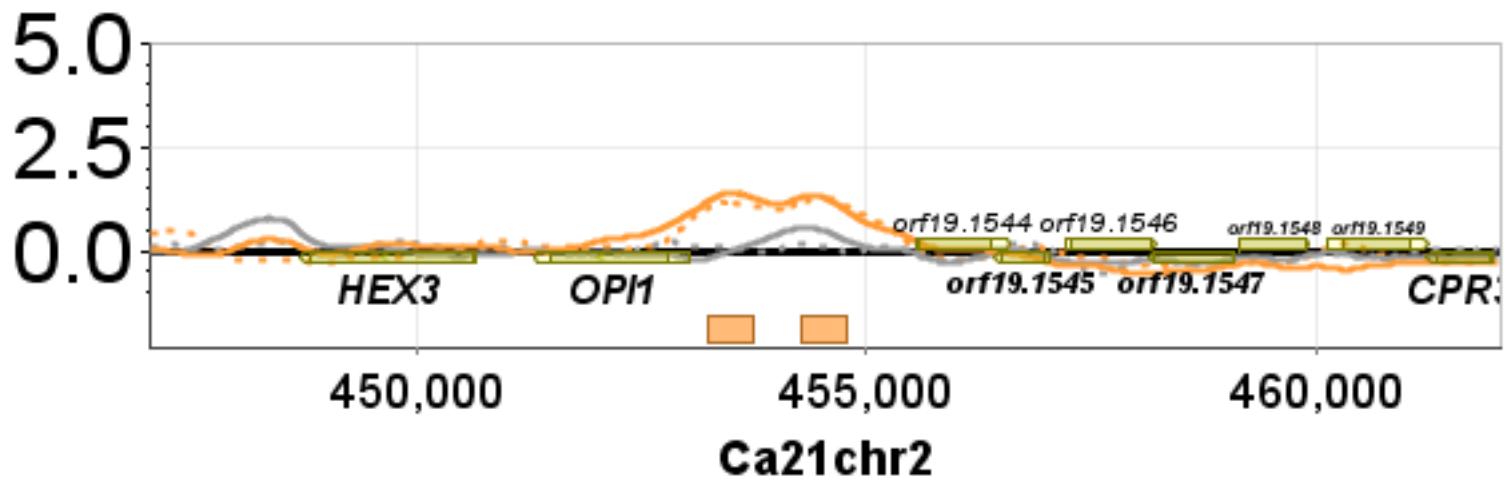
[1.286] Ca21chrR:1035601-1050600 [+] [orf19.6311, ntar_1270, RPS3, orf19.6310, MNT4]



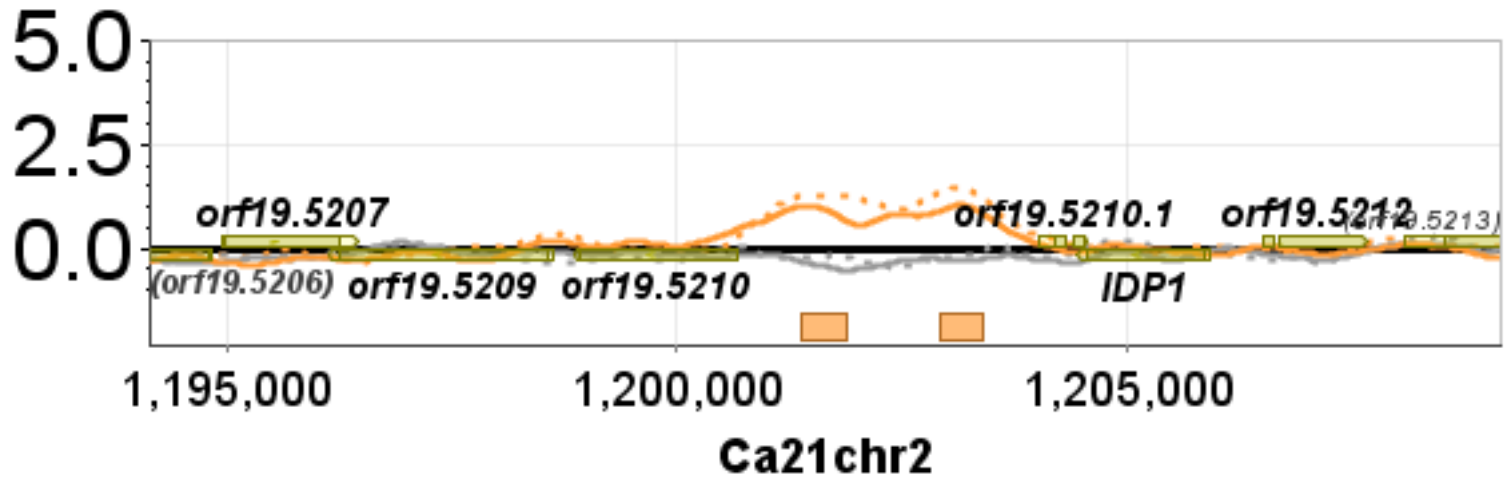
[1.284] Ca21chr1:2395120-2410119 [+] [orf19.2332, orf19.2333, ADA2, RPS17B, BIG1]



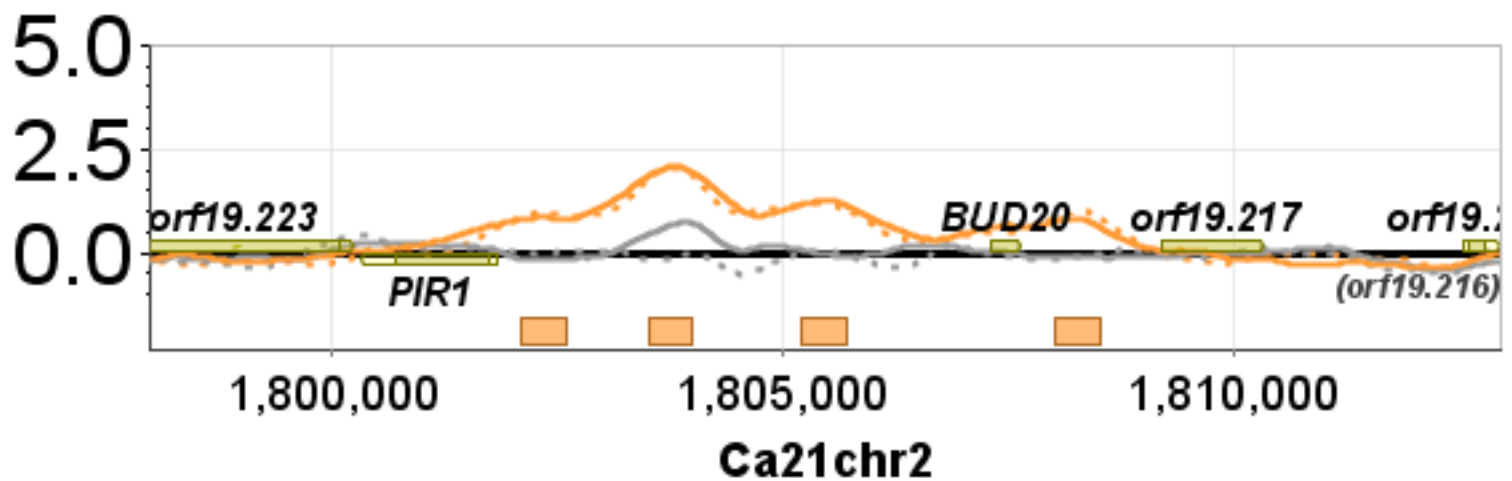
[1.284] Ca21chr2:447031-462030 [+] [orf19.1544, OPI1, orf19.1545, orf19.1546, ntar_329]



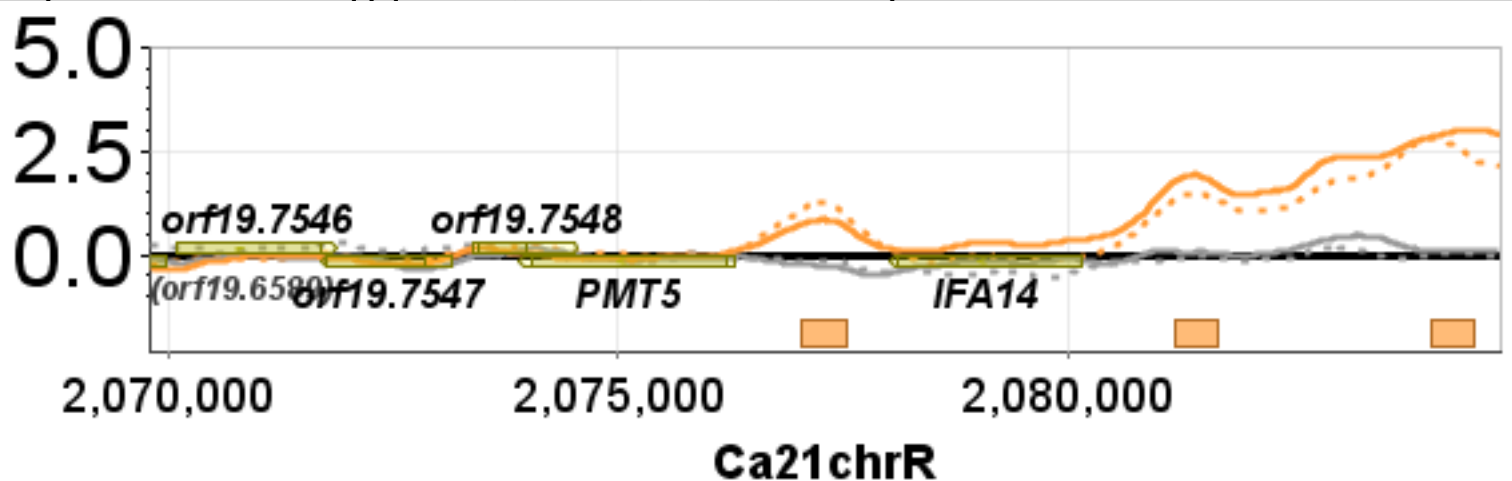
[1.283] Ca21chr2:1194135-1209134 [+] [ntar_397, orf19.5210, orf19.5210.1, orf19.5209, IDP1]



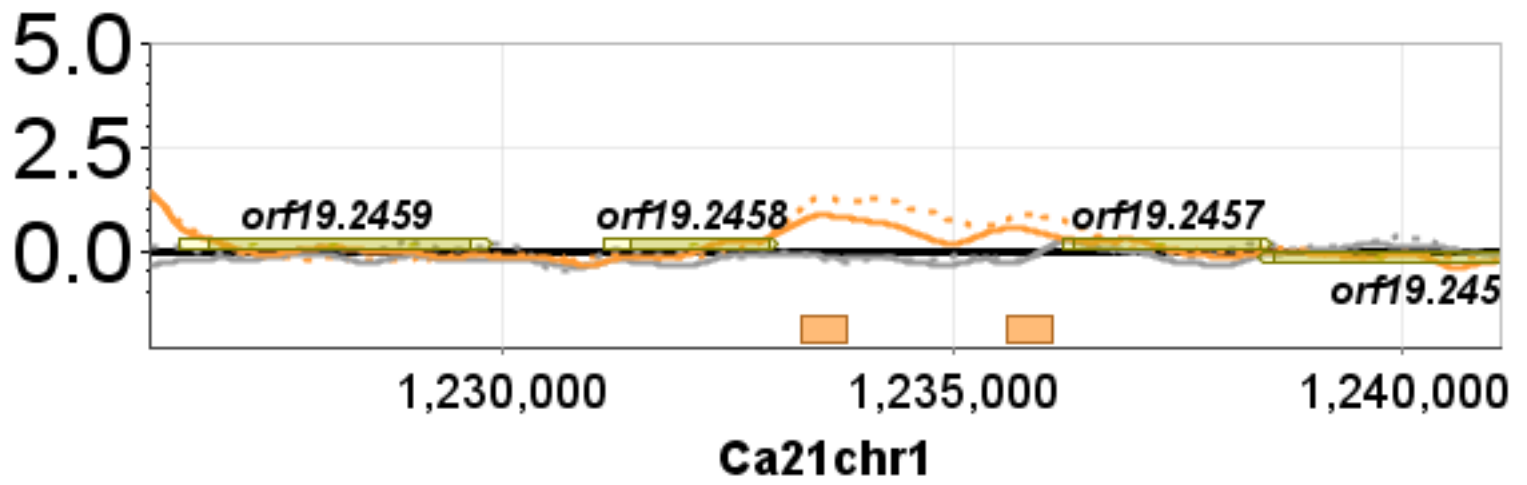
[1.272] Ca21chr2:1797962-1812961 [+] [BUD20, PIR1, orf19.217, orf19.216.1, orf19.223]



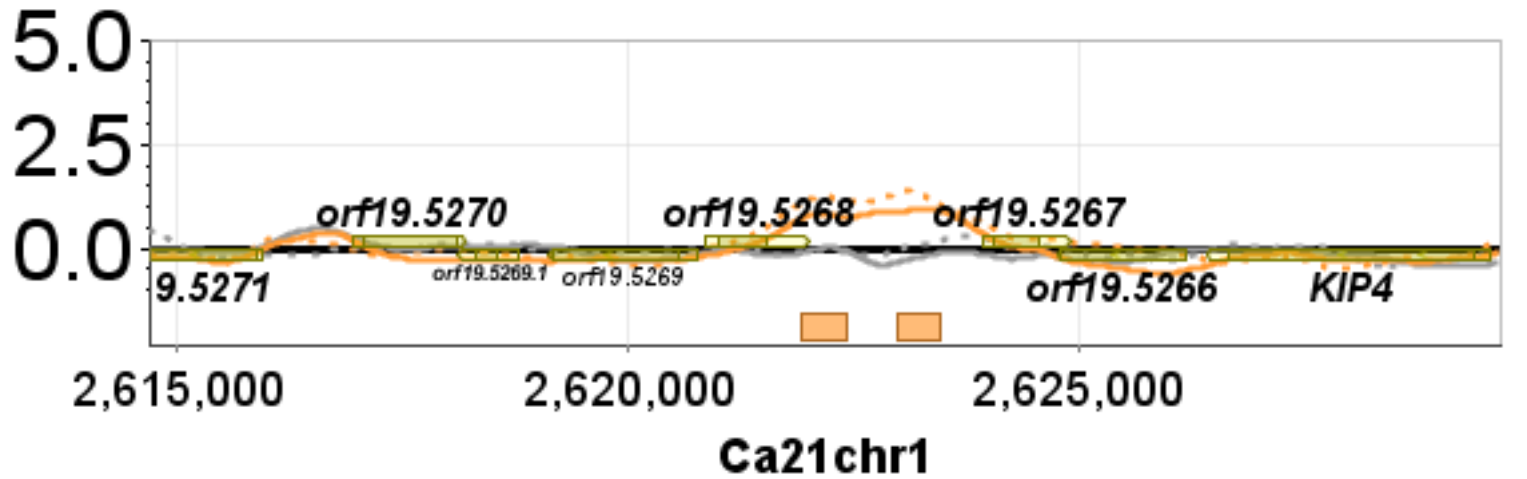
[1.272] Ca21chrR:2069792-2084791 [+] [ntar_1394.2, ntar_1394.1, PMT5, IFA14, orf19.7548]



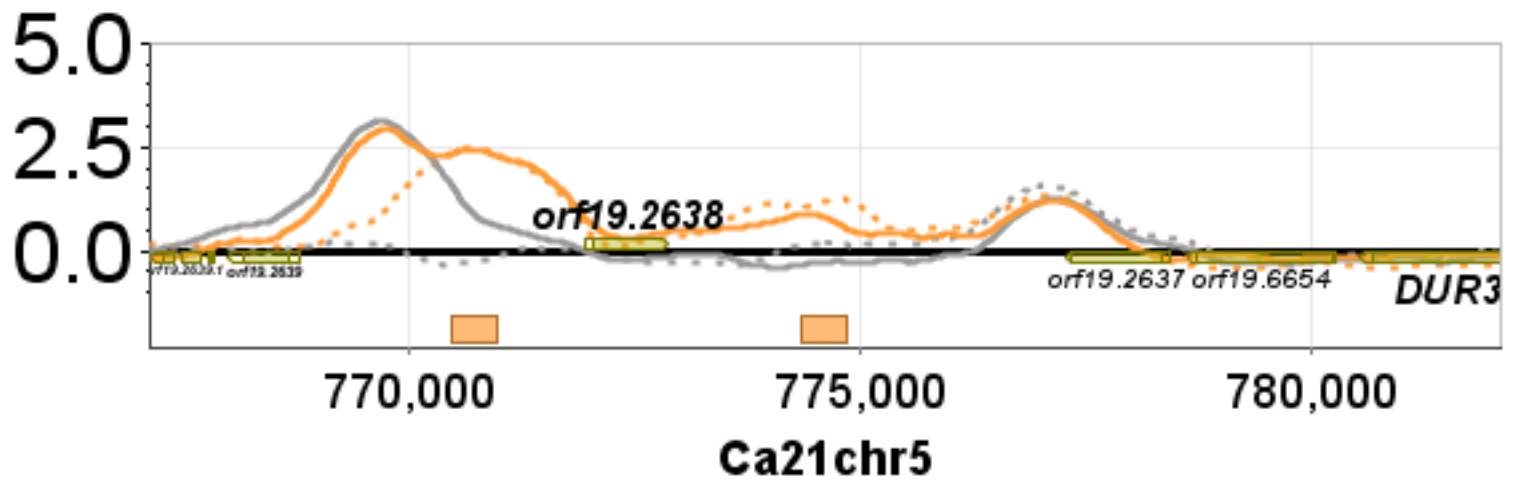
[1.268] Ca21chr1:1226073-1241072 [+] [orf19.2458, orf19.2457, orf19.2459, orf19.2455]



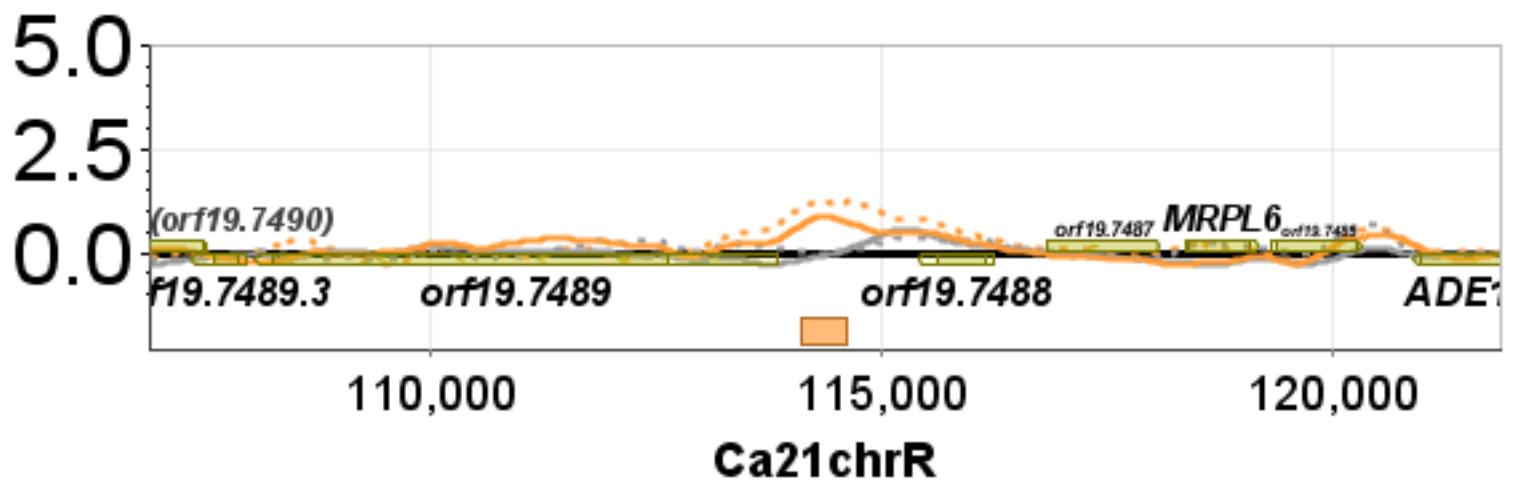
[1.256] Ca21chr1:2614678-2629677 [+] [ntar_246, orf19.5268, orf19.5269, orf19.5267, orf19.5269.1]



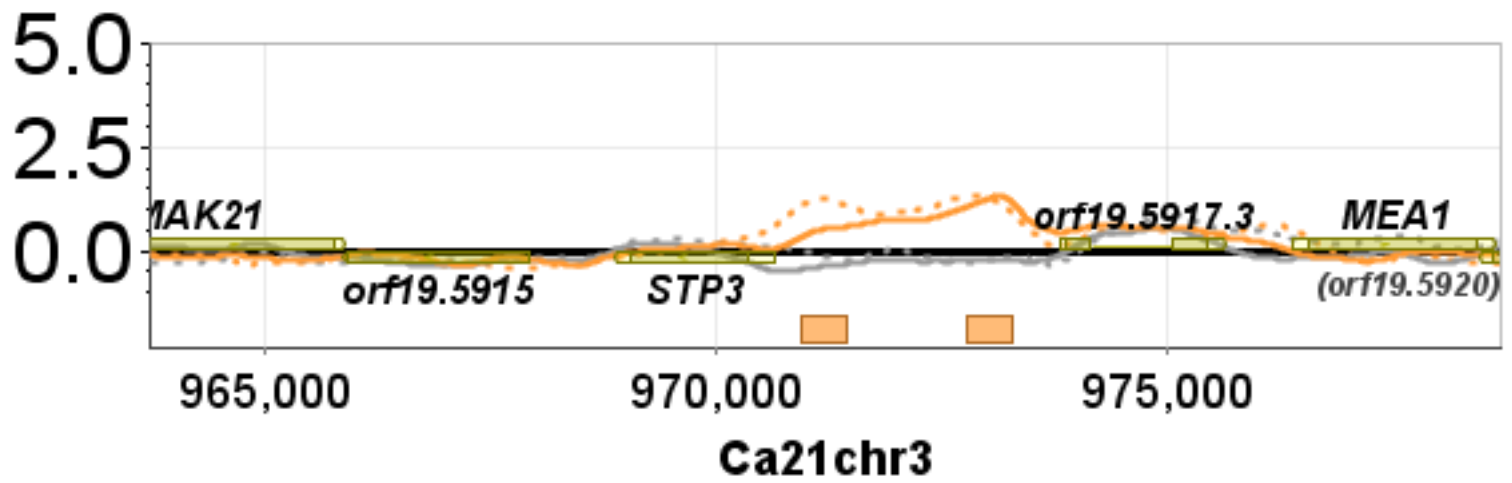
[1.252] Ca21chr5:767104-782103 [+] [ntar_917, ntar_918, orf19.2638, orf19.2637, te(uuc)5]



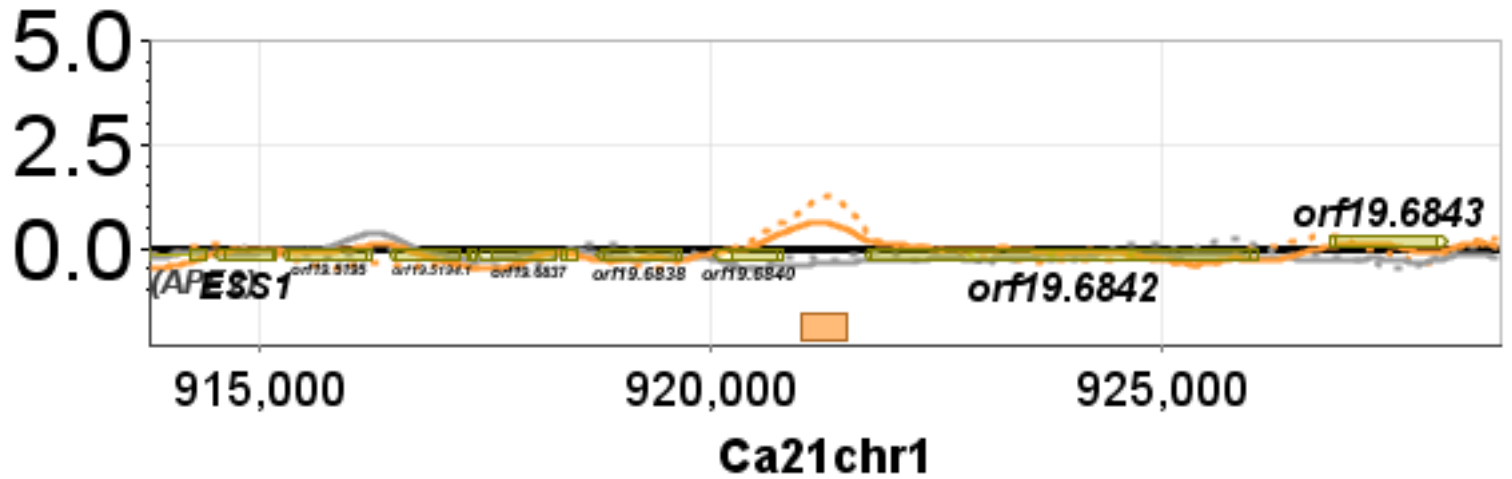
[1.246] Ca21chrR:106859-121858 [+] [orf19.7489, orf19.7488, orf19.7487, ntar_1159, ntar_1160]



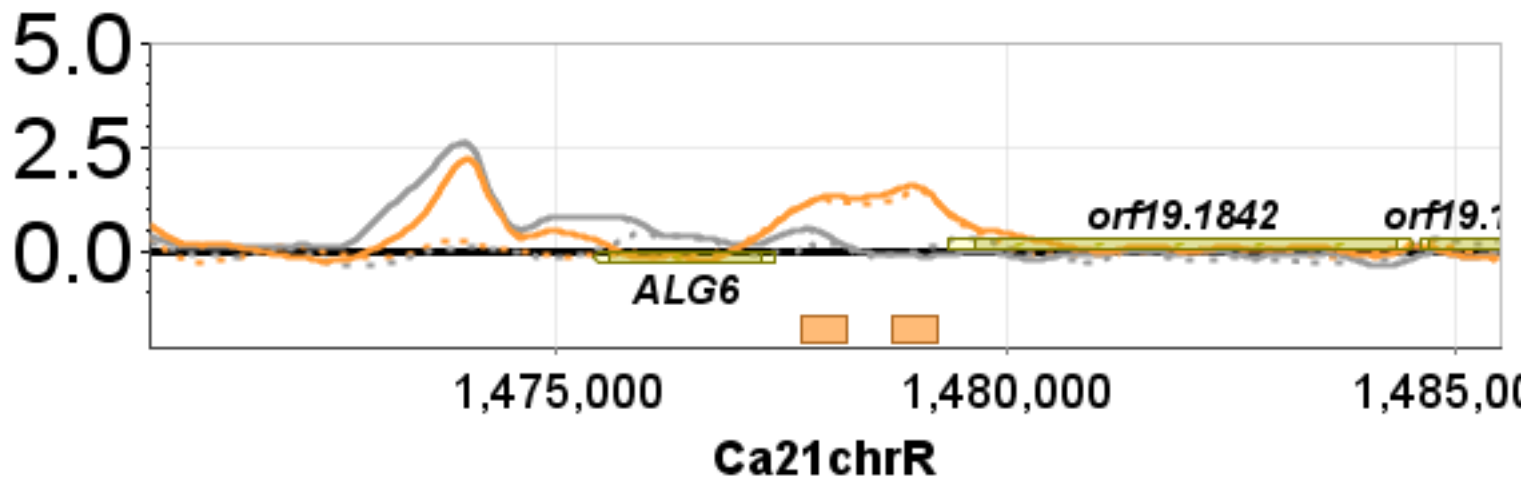
[1.241] Ca21chr3:963704-978703 [+] [STP3, orf19.5917.3, orf19.5915, orf19.5918, MEA1]



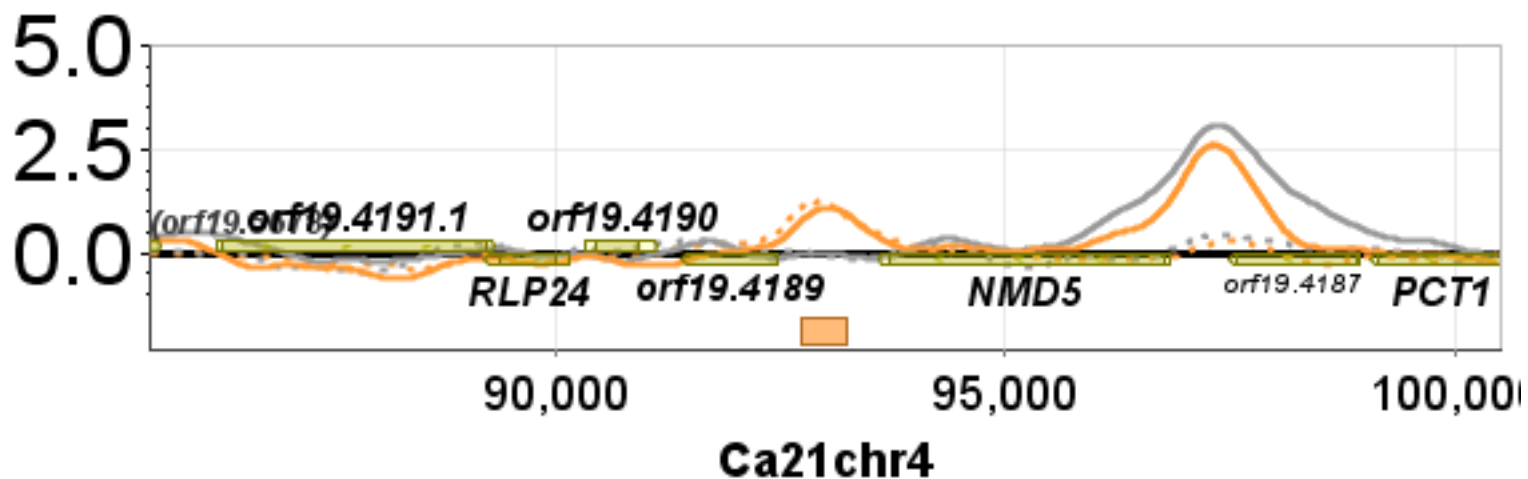
[1.235] Ca21chr1:913759-928758 [+] [orf19.6840, orf19.6838, ntar_90, orf19.6837, orf19.5194.1]



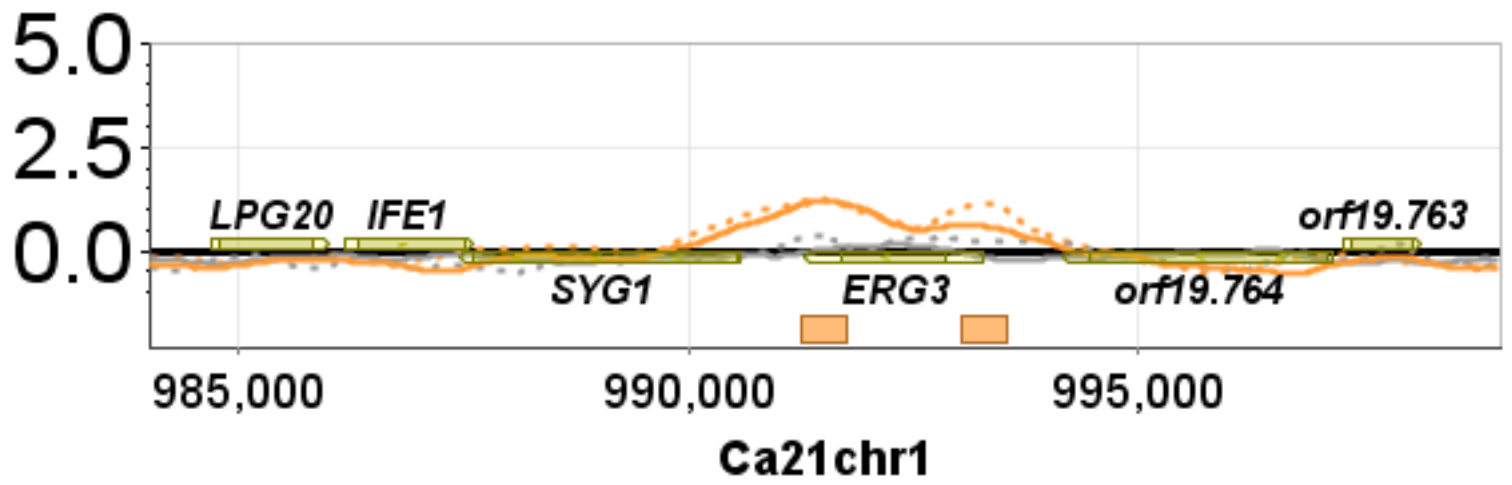
[1.234] Ca21chrR:1470475-1485474 [+] [ALG6, orf19.1842, ntar_1329, ts(aga)2, orf19.1844]



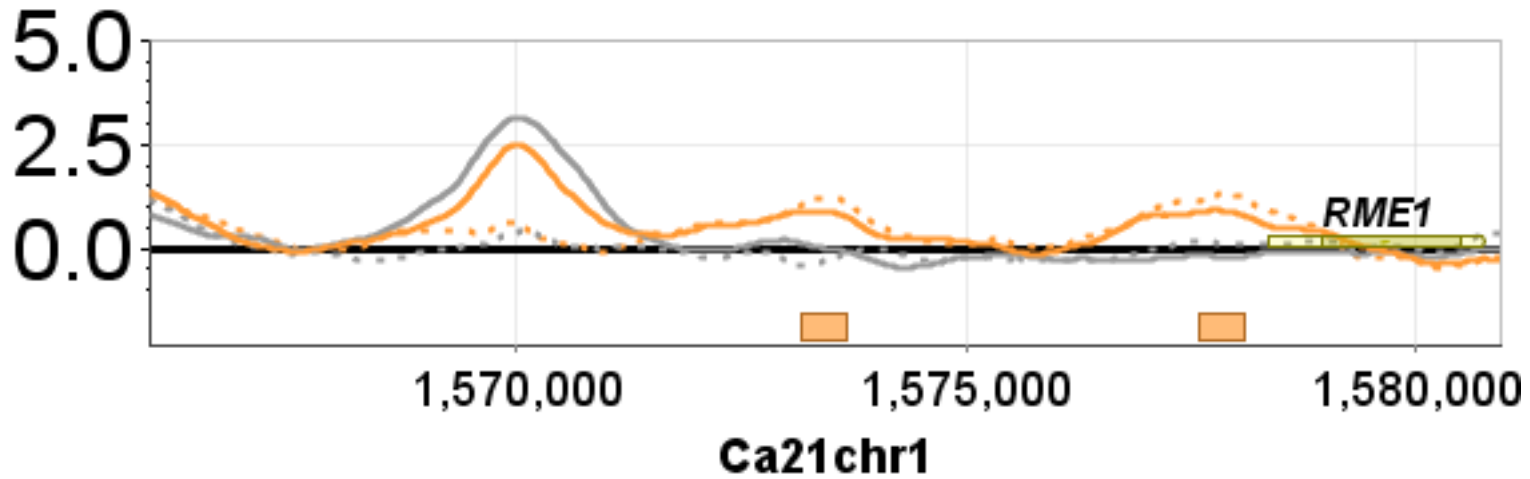
[1.228] Ca21chr4:85494-100493 [+] [orf19.4189, orf19.4190, RLP24, NMD5, ntar_709]



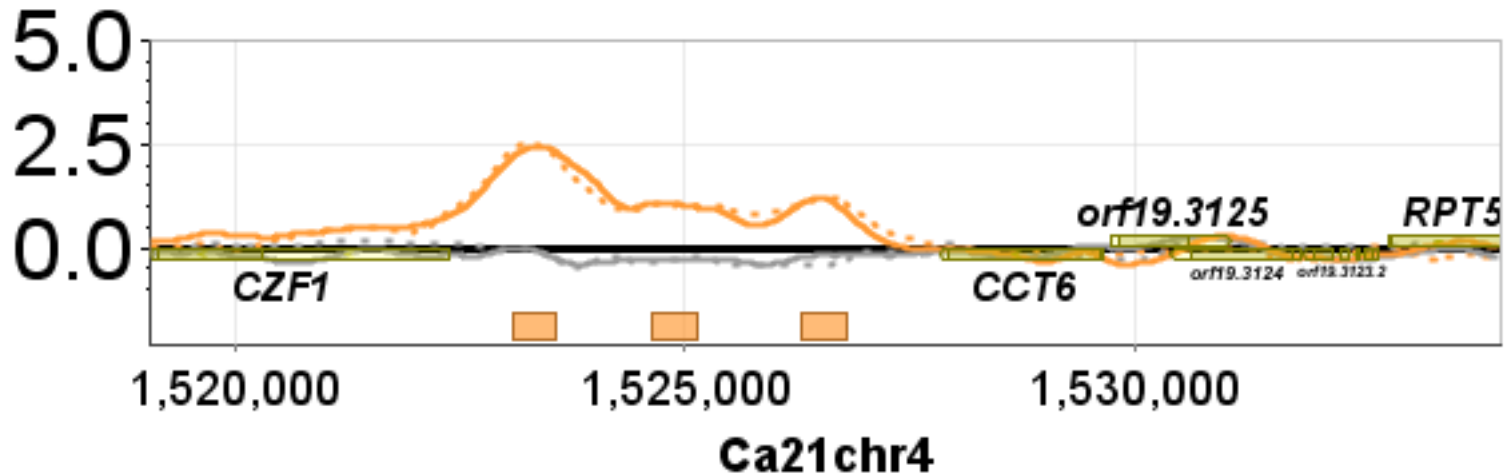
[1.227] Ca21chr1:984007-999006 [+] [ntar_96, SYG1, ERG3, IFE1, orf19.764]



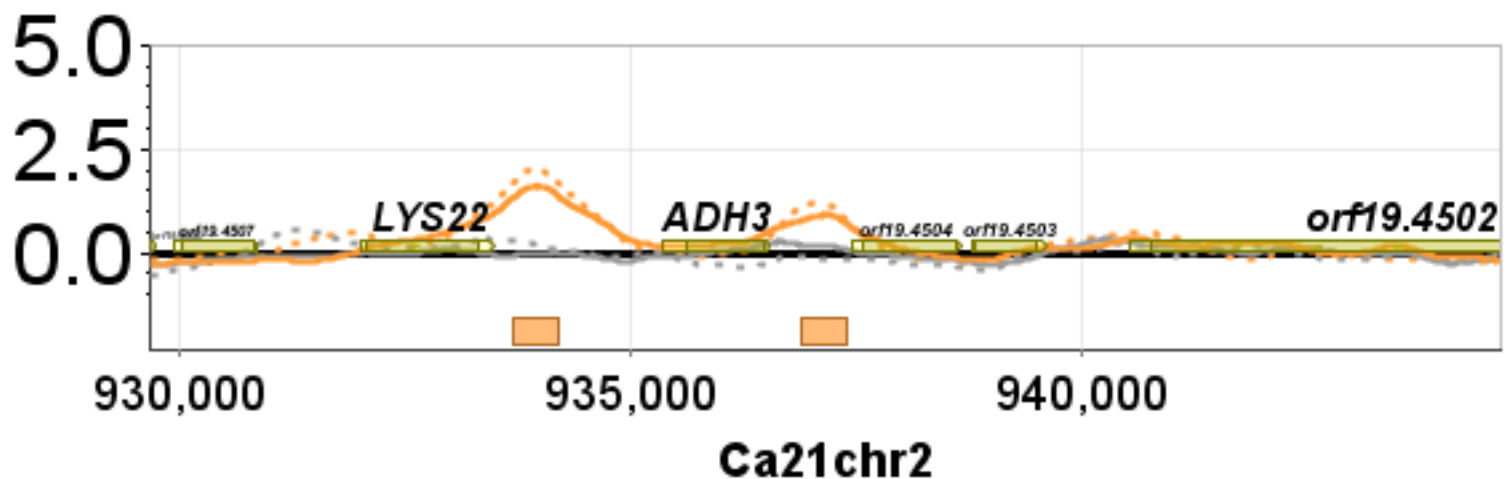
[1.221] Ca21chr1:1565924-1580923 [+] [ntar_140, ntar_139, ntar_138, tl(aaq)2, RME1]



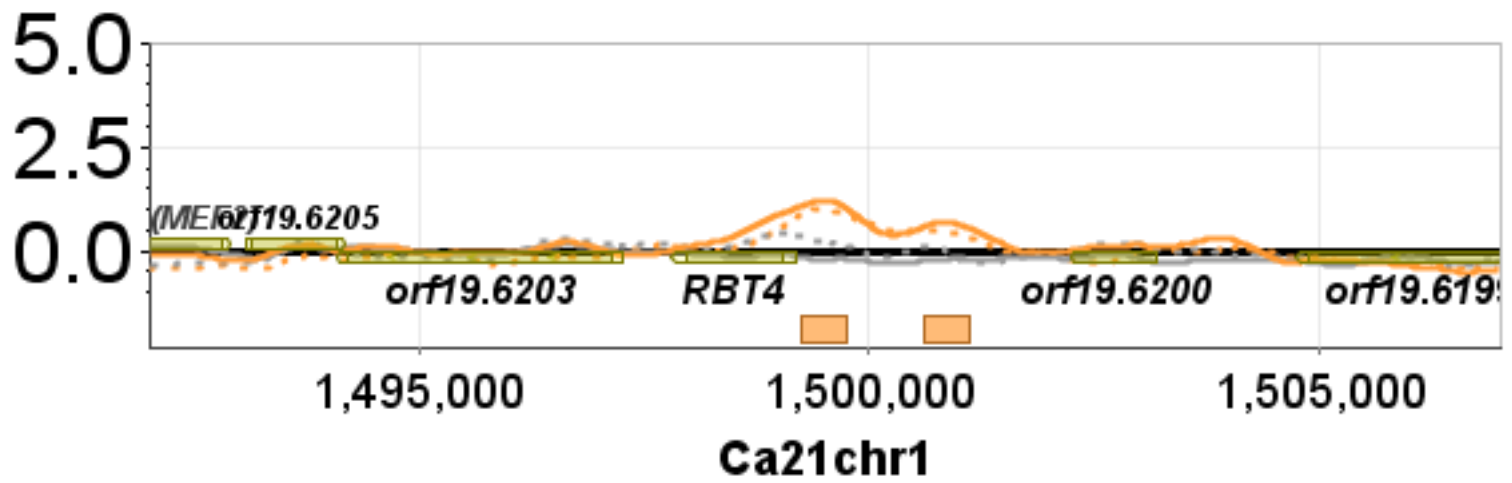
[1.22] Ca21chr4:1519048-1534047 [+] [CCT6, orf19.3125, CZF1, orf19.3124, orf19.3123.2]



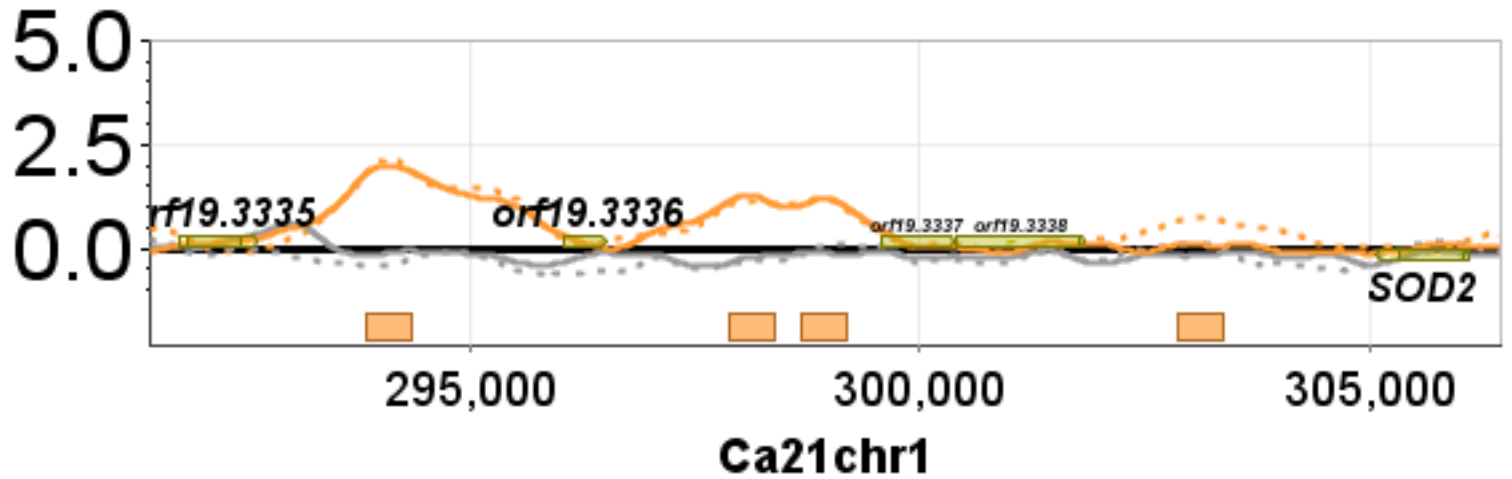
[1.215] Ca21chr2:929651-944650 [+] [orf19.4504, ntar_370, ntar_371, orf19.4503, ADH3]



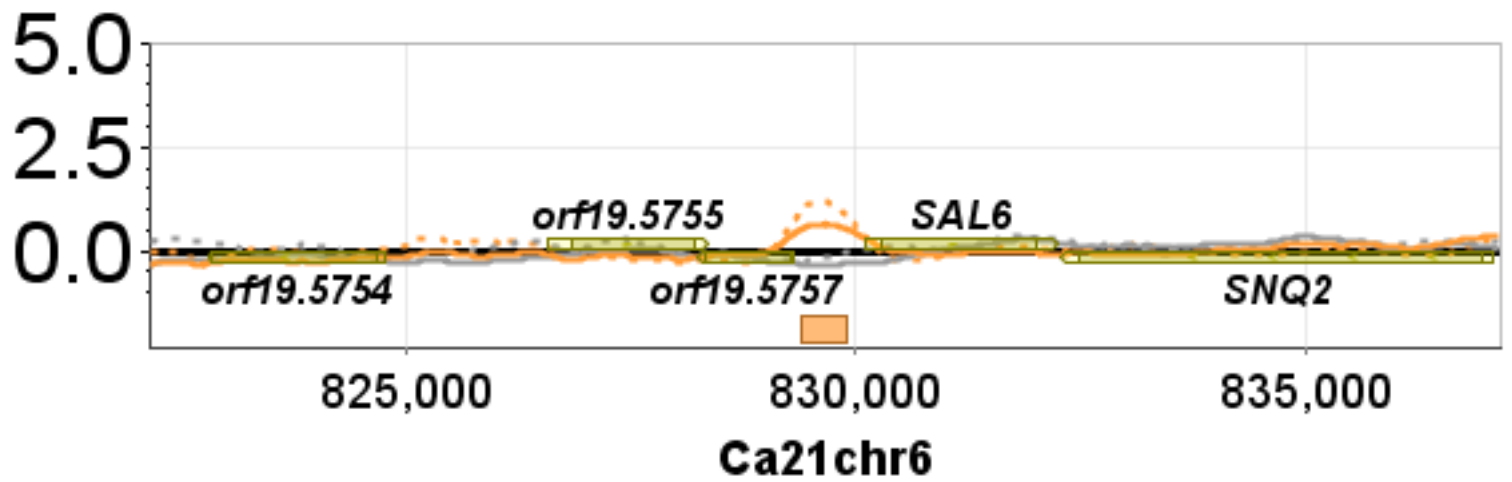
[1.209] Ca21chr1:1492001-1507000 [+] [RBT4, orf19.6203, orf19.6205, orf19.6199]



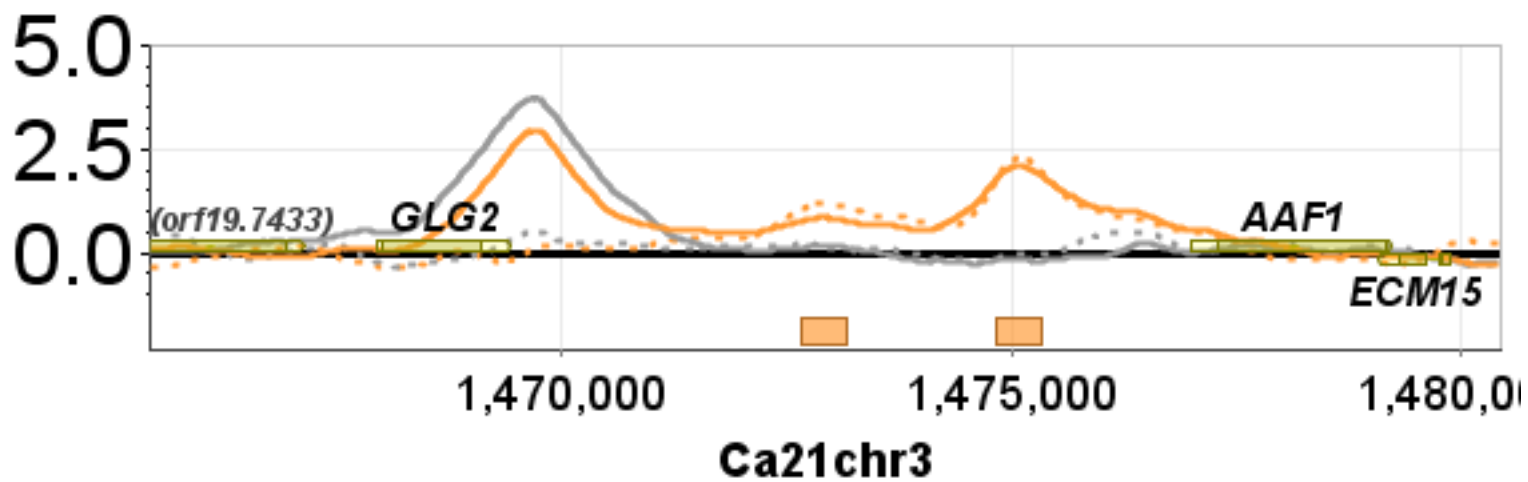
[1.206] Ca21chr1:291435-306434 [+] [orf19.3337, orf19.3338, orf19.3336, SOD2, orf19.3335]



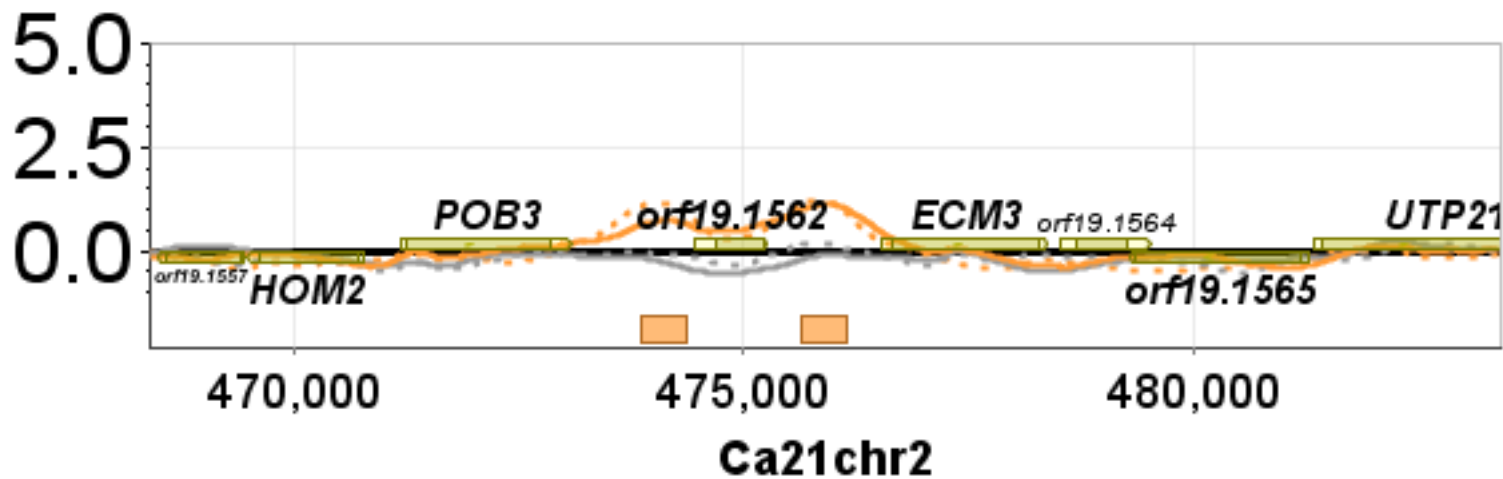
[1.202] Ca21chr6:822145-837144 [+] [orf19.5757, SAL6, orf19.5755, ntar_1032, orf19.5754]



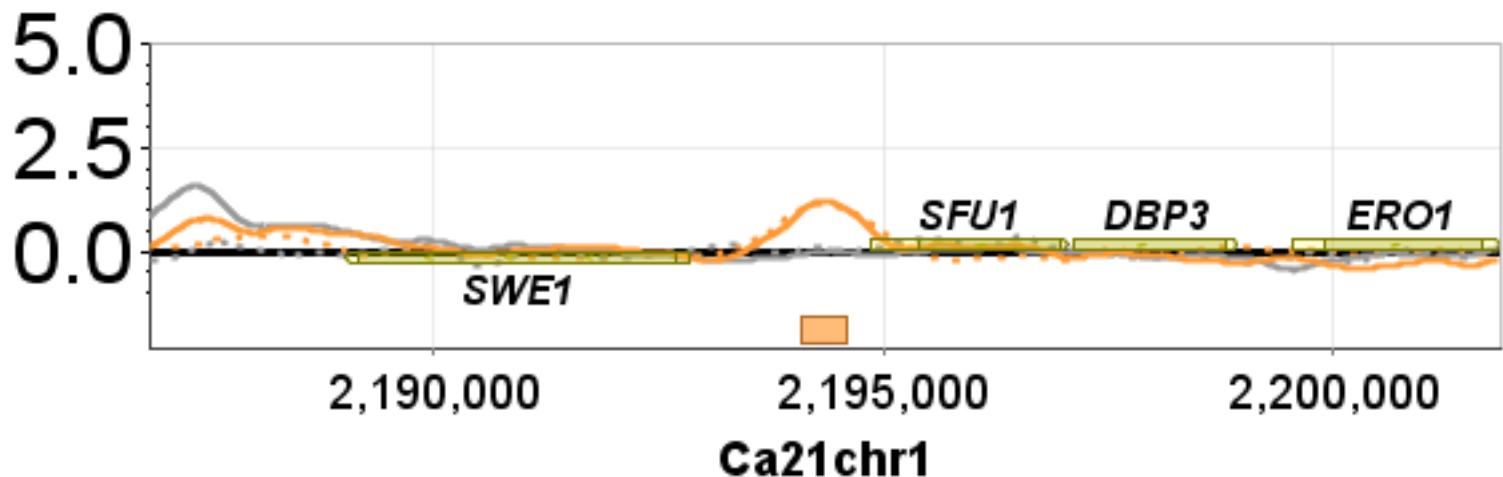
[1.197] Ca21chr3:1465421-1480420 [+] [th(gug)3, ntar_658, ntar_659, AAF1, GLG2]



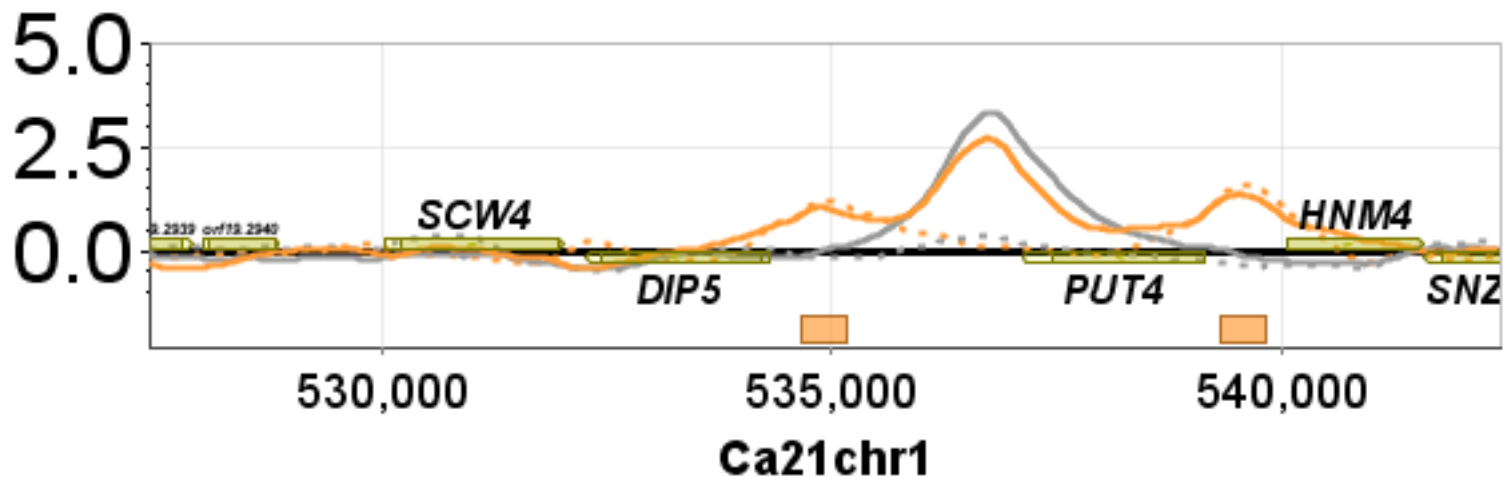
[1.195] Ca21chr2:468394-483393 [+] [ECM3, orf19.1562, ntar_330, ntar_331, orf19.1564]



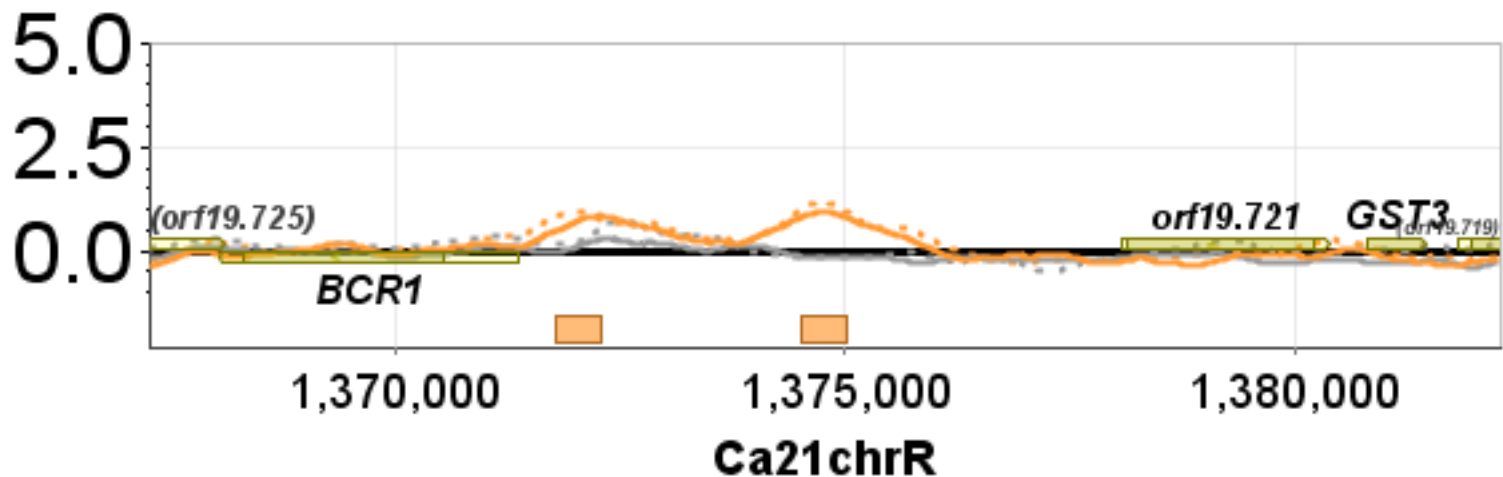
[1.193] Ca21chr1:2186842-2201841 [+] [SFU1, SWE1, DBP3, ERO1]



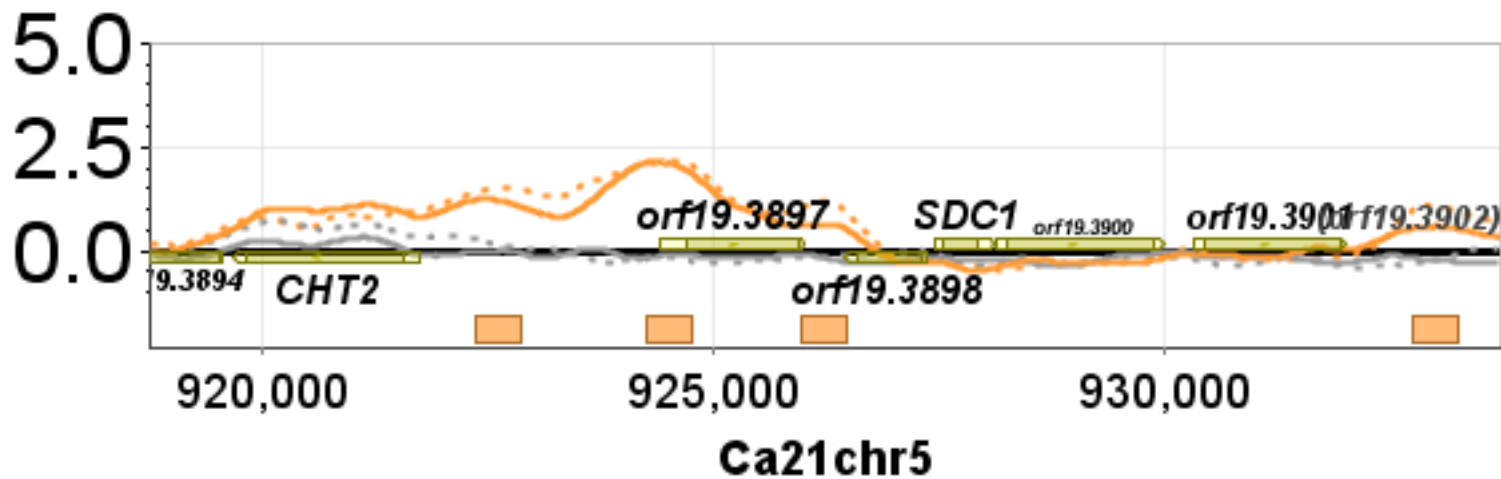
[1.19] Ca21chr1:527419-542418 [+] [DIP5, ntar_55, tr(ucu)4, orf19.2943.5, ntar_54]



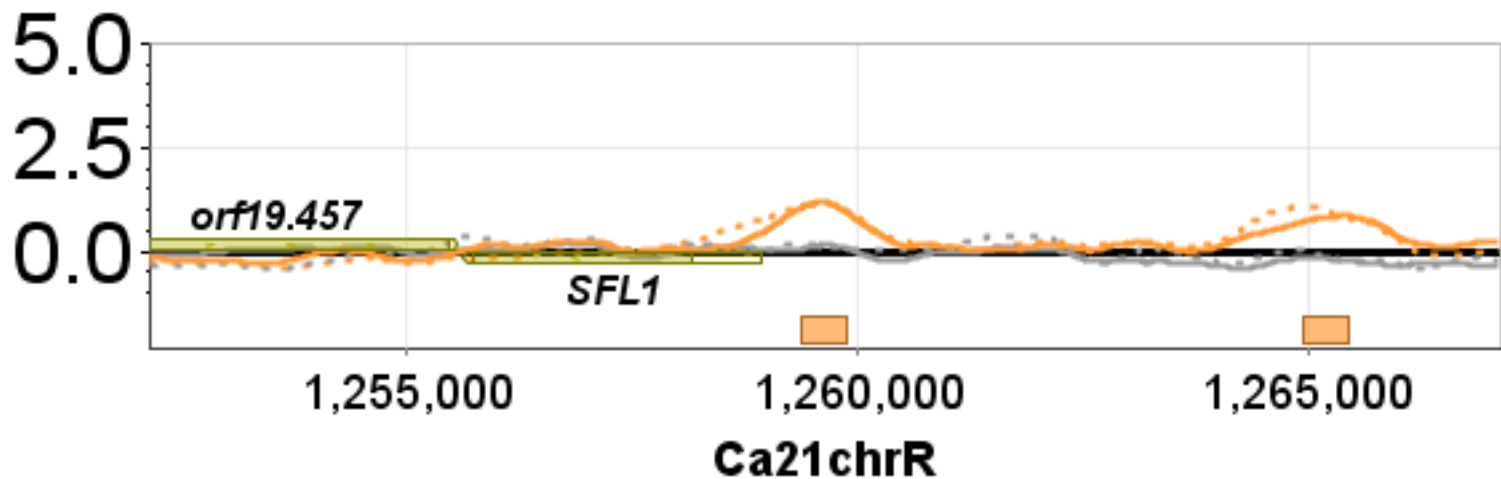
[1.19] Ca21chrR:1367270-1382269 [+] [orf19.721, BCR1, GST3, orf19.719, orf19.725]



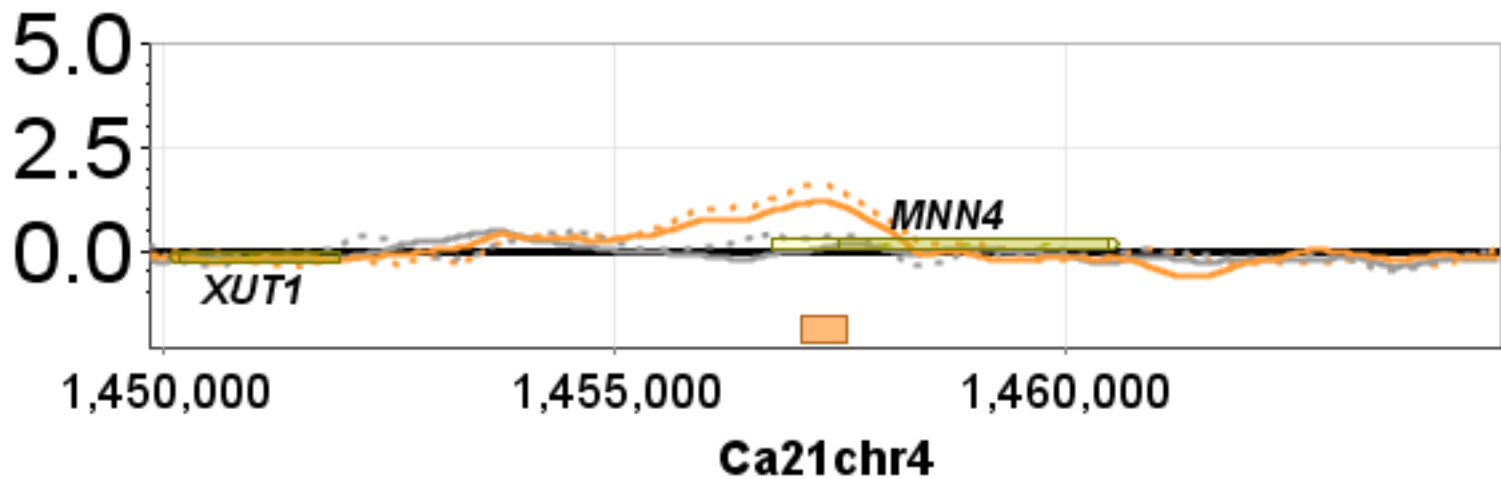
[1.188] Ca21chr5:918728-933727 [+] [ntar_941, orf19.3898, SDC1, orf19.3897, orf19.3900]



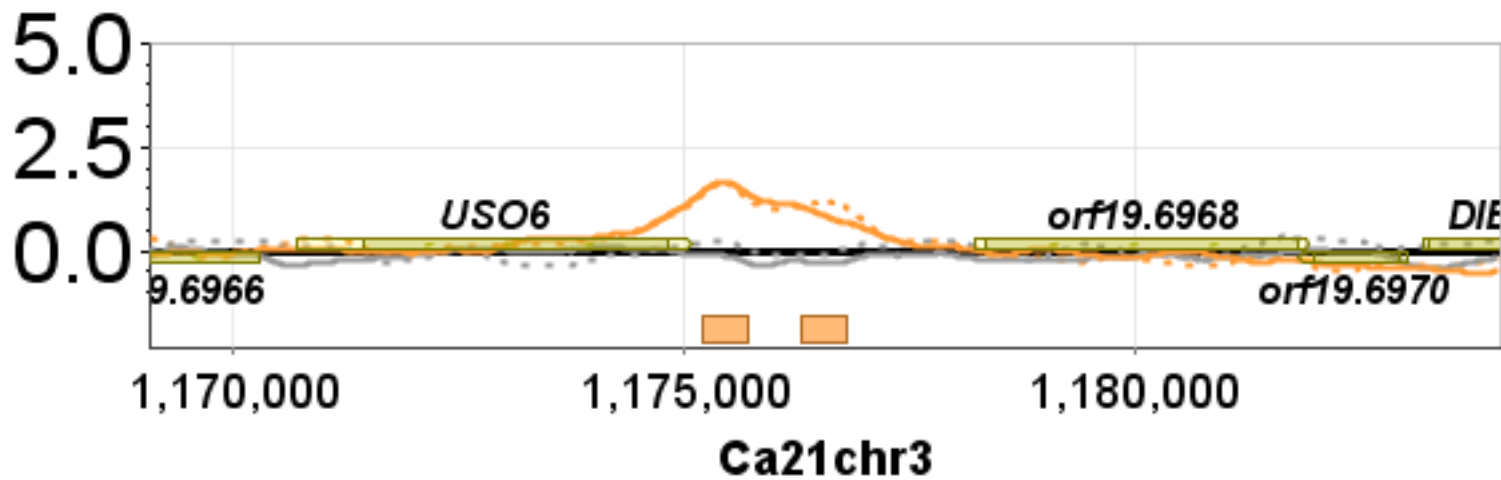
[1.185] Ca21chrR:1252129-1267128 [+] [ntar_1291, ntar_1292, SFL1, orf19.457]

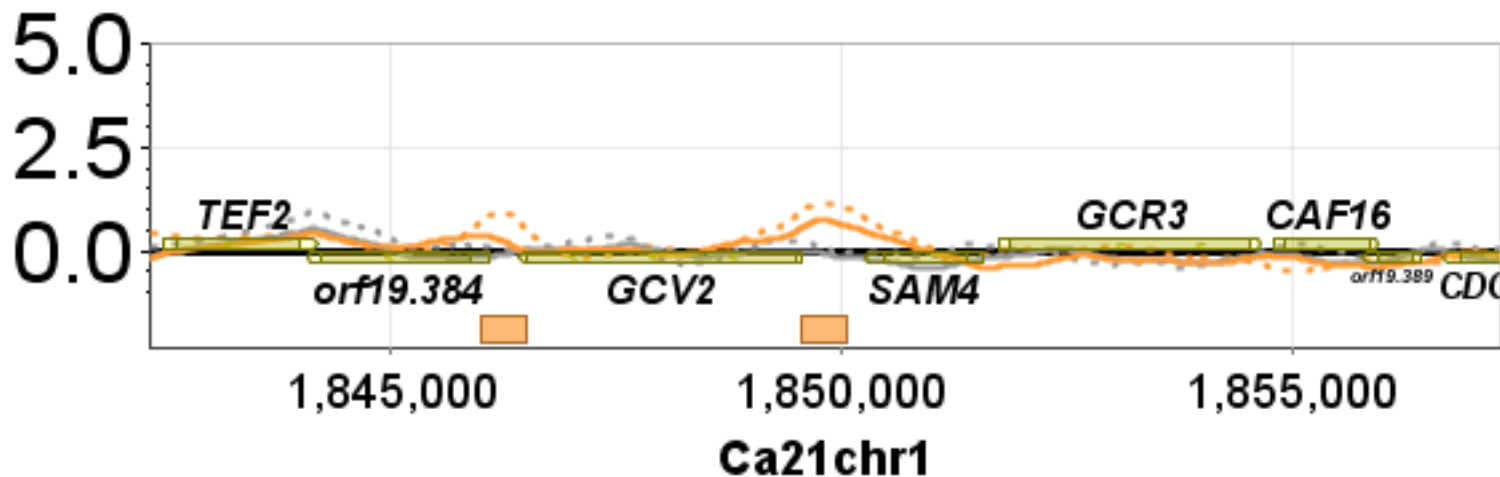
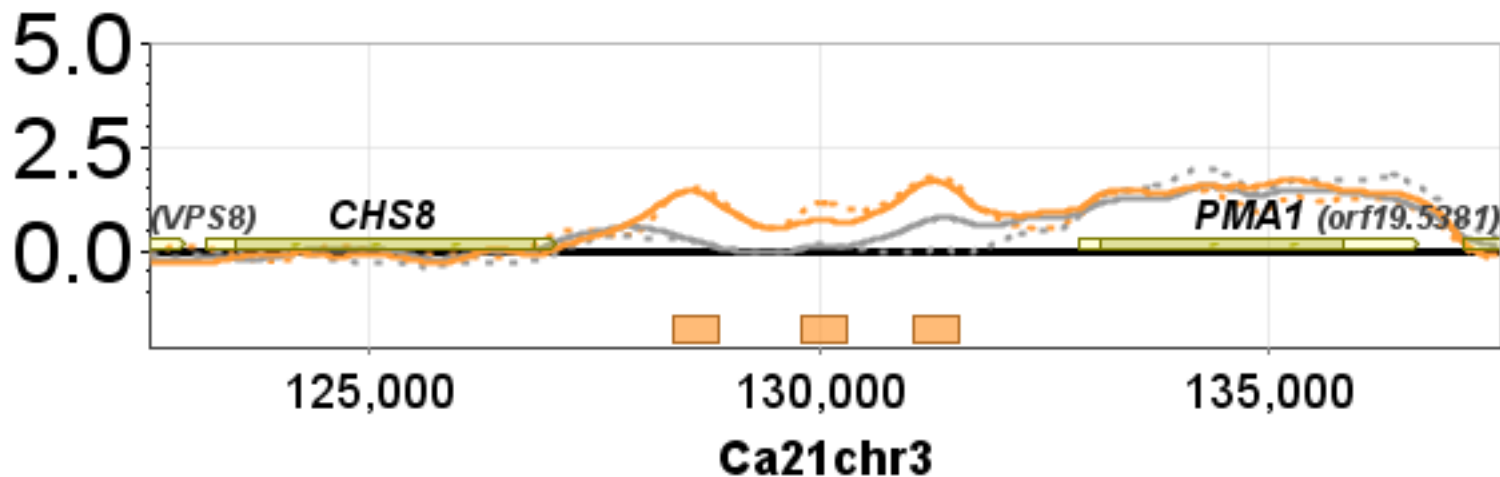
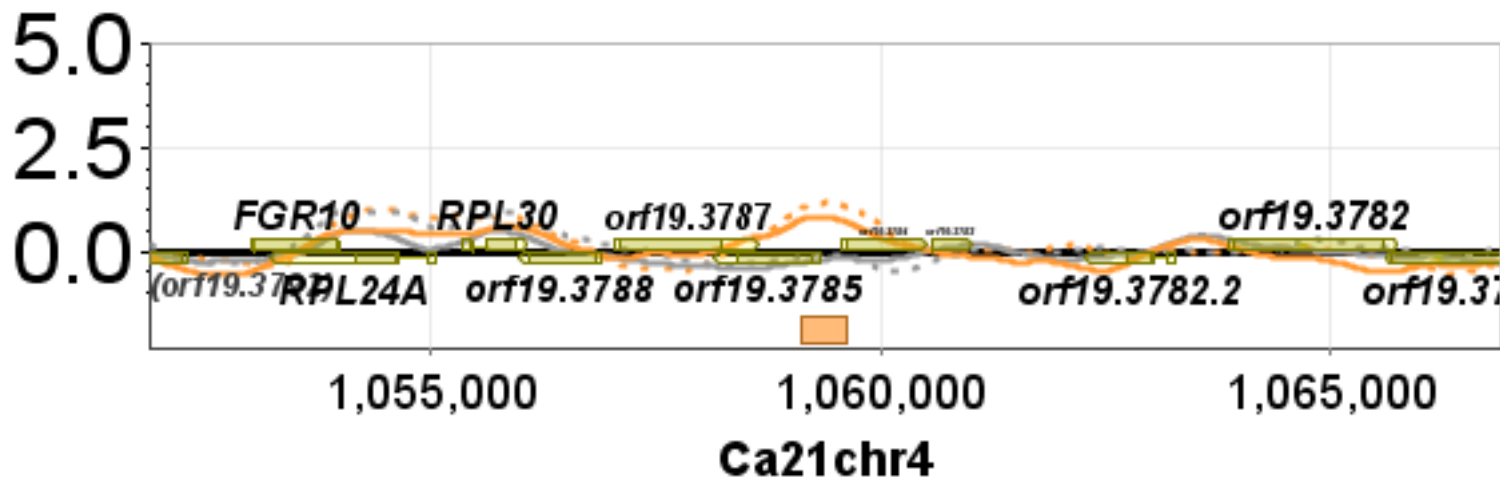
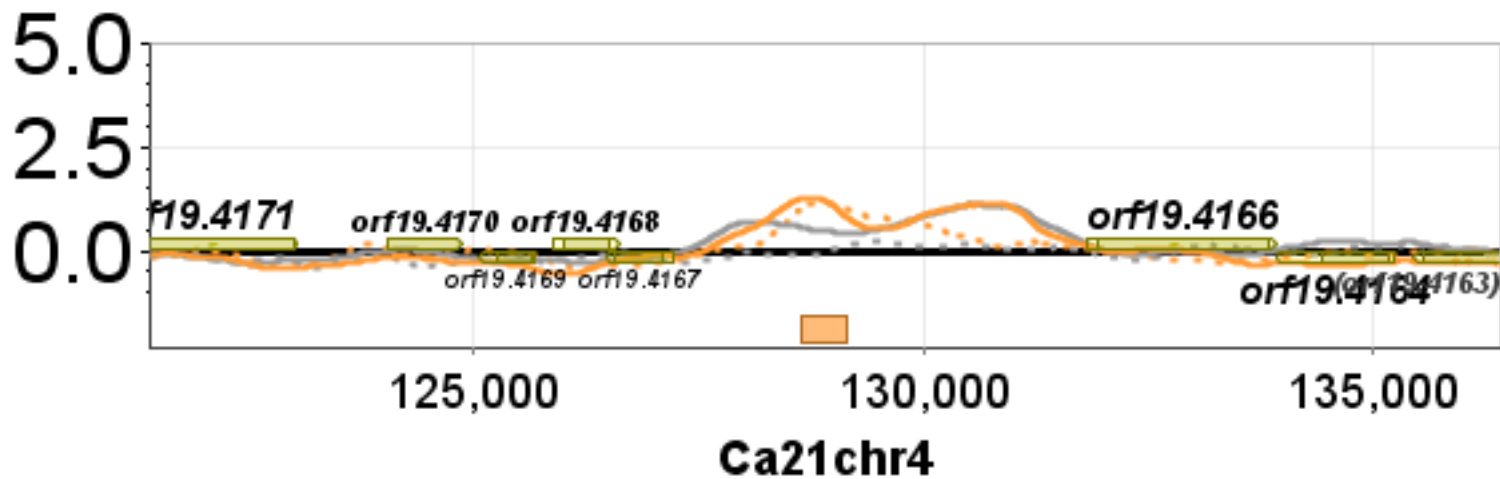


[1.183] Ca21chr4:1449824-1464823 [+] [ntar_833, MNN4, ntar_832, ntar_831, ntar_830]

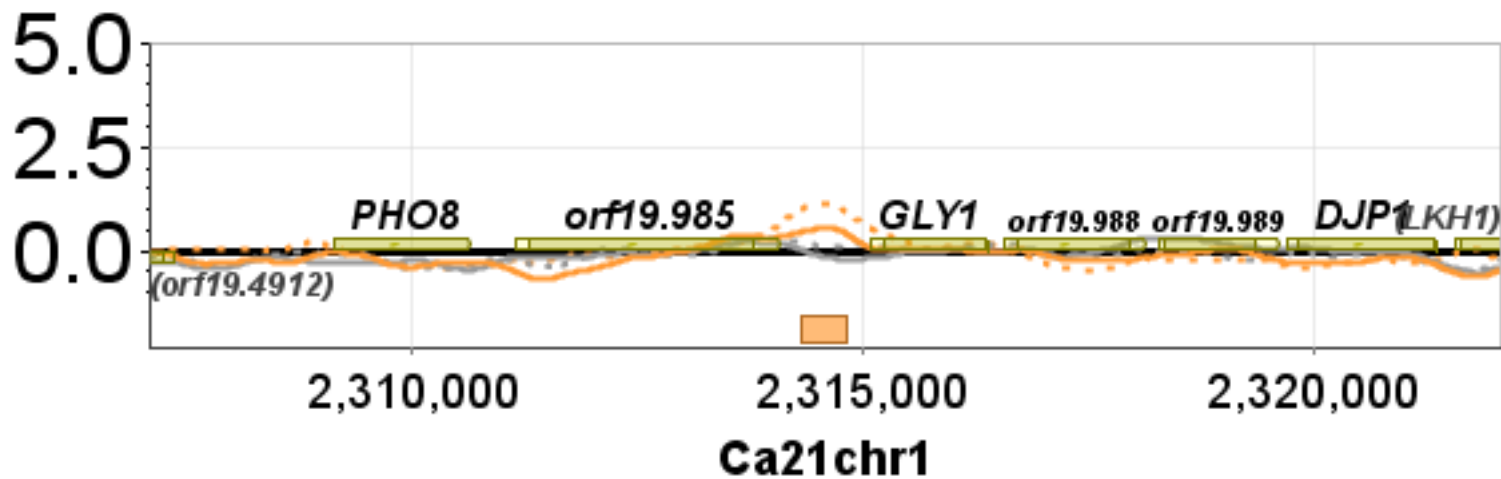


[1.182] Ca21chr3:1169052-1184051 [+] [ntar_627, ntar_626, orf19.6968, USO6, orf19.6966]

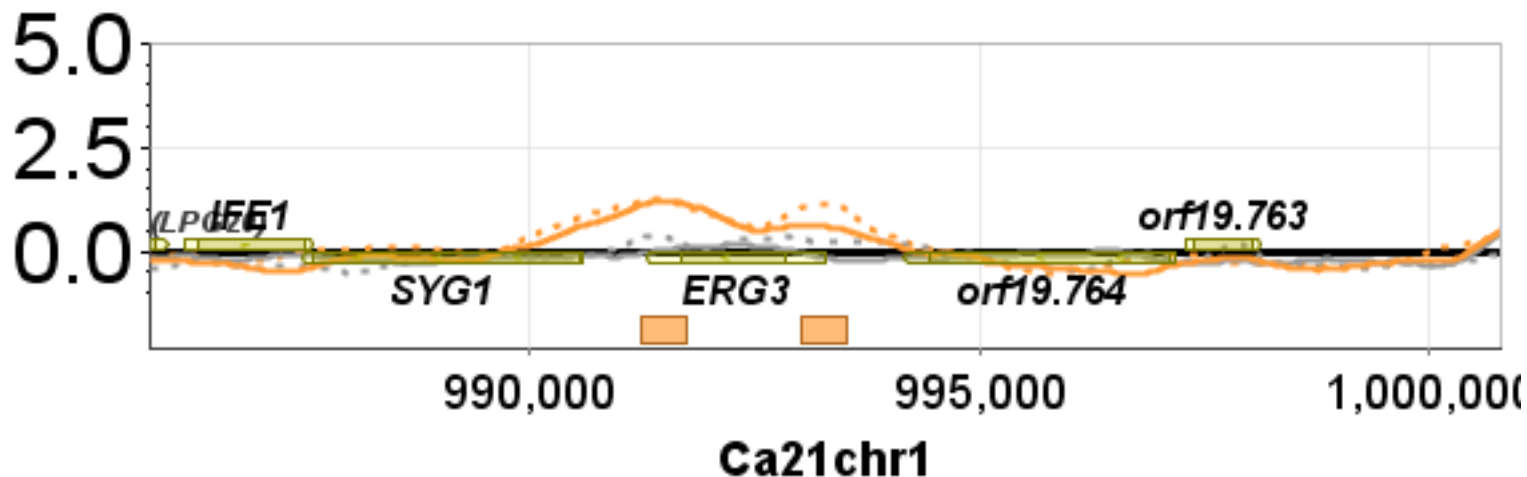




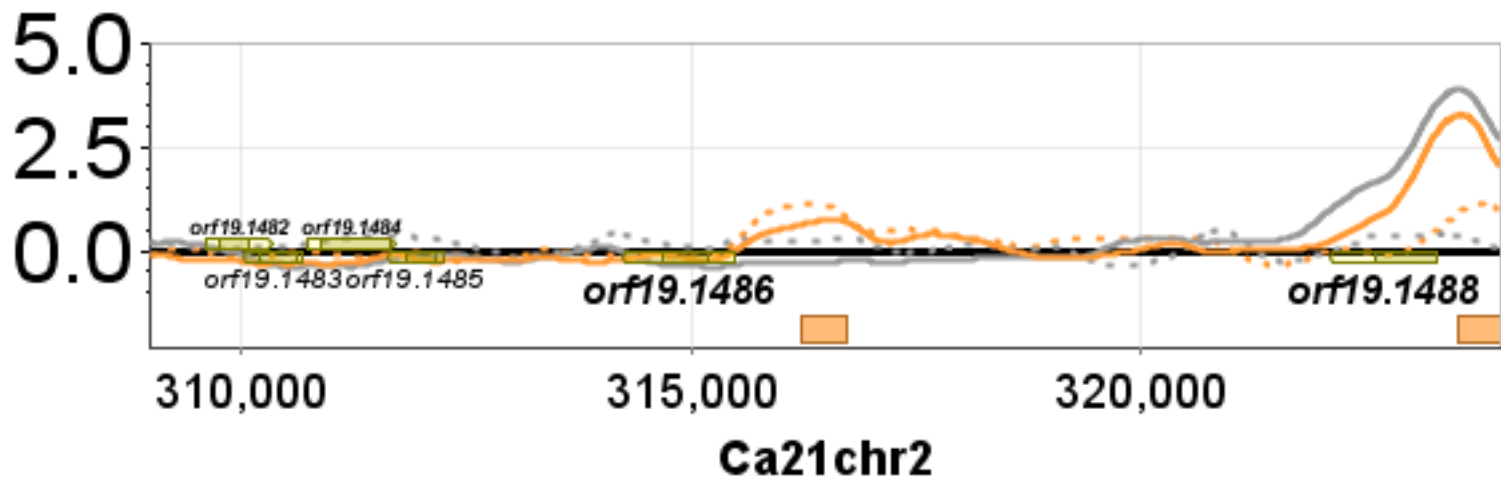
[1.158] Ca21chr1:2307072-2322071 [+] [GLY1, orf19.988, orf19.985, orf19.989, DJP1]



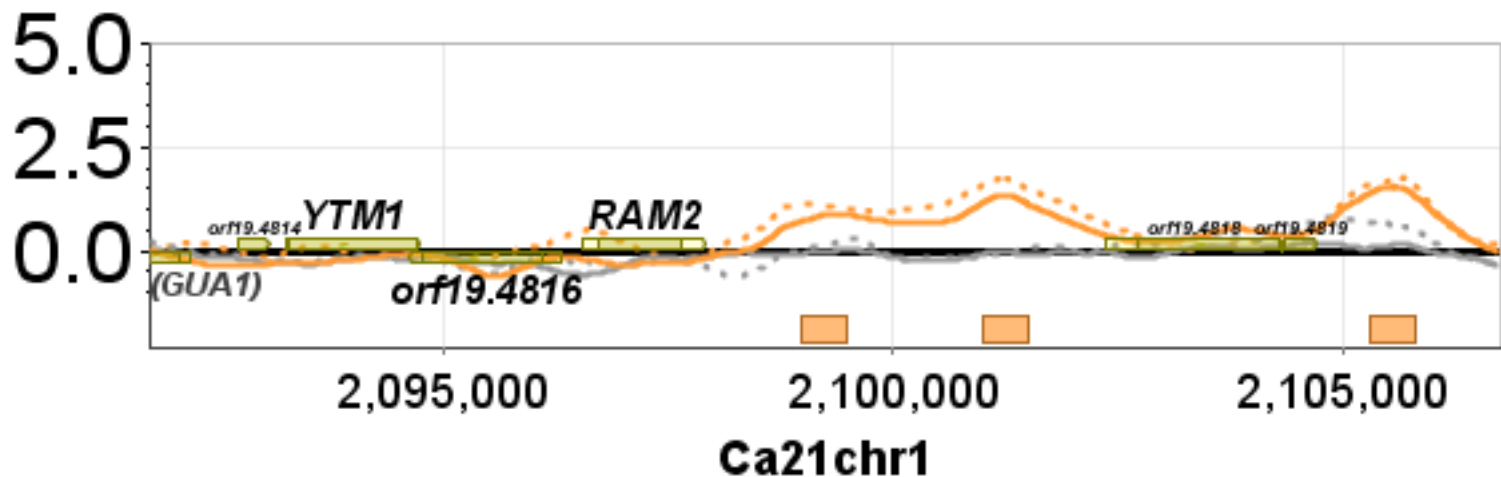
[1.149] Ca21chr1:985774-1000773 [+] [ERG3, ntar_96, SYG1, orf19.764, orf19.763]



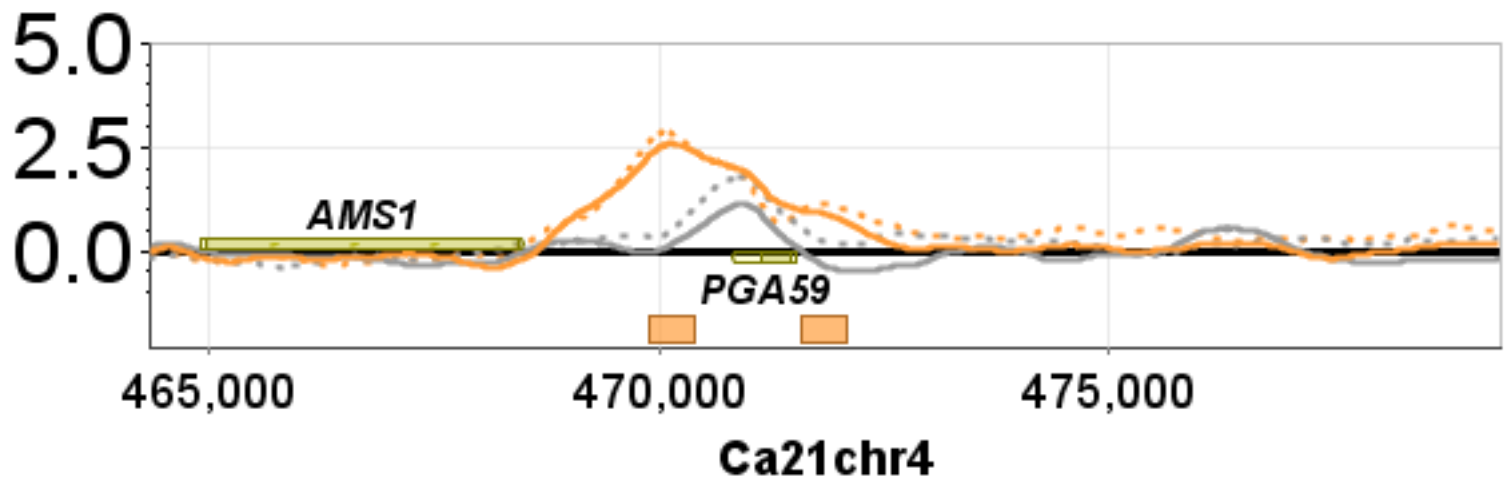
[1.148] Ca21chr2:308974-323973 [+] [ntar_313, orf19.1486, orf19.1485, orf19.1484, orf19.1483]



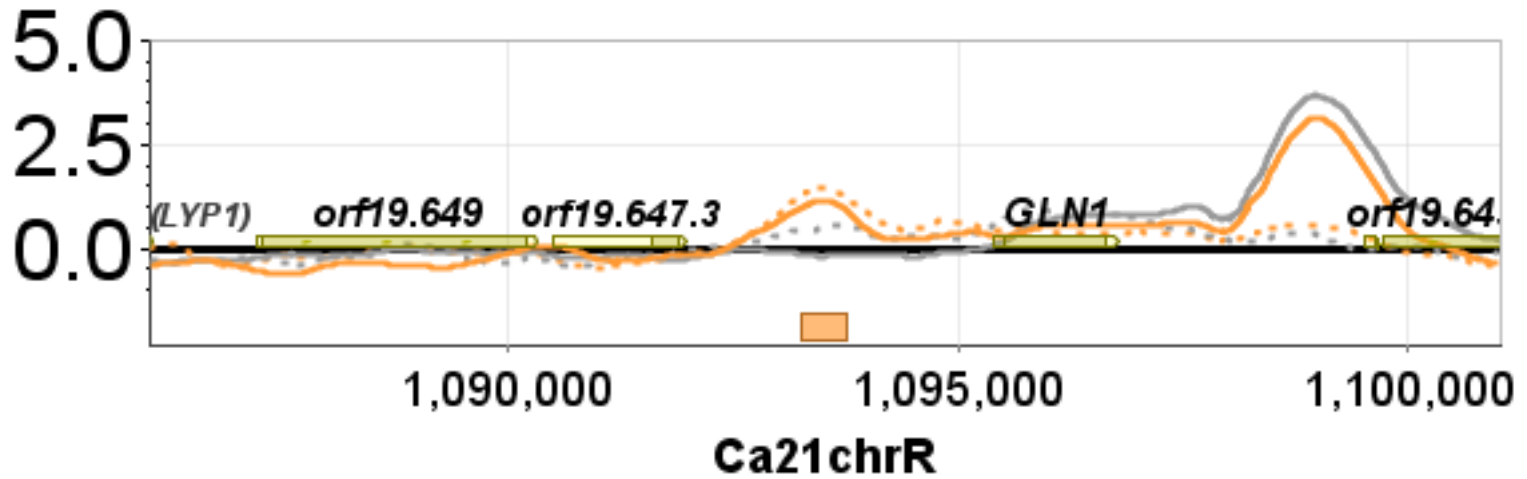
[1.146] Ca21chr1:2091735-2106734 [+] [RAM2, ntar_197, orf19.4816, orf19.4818, orf19.4819]



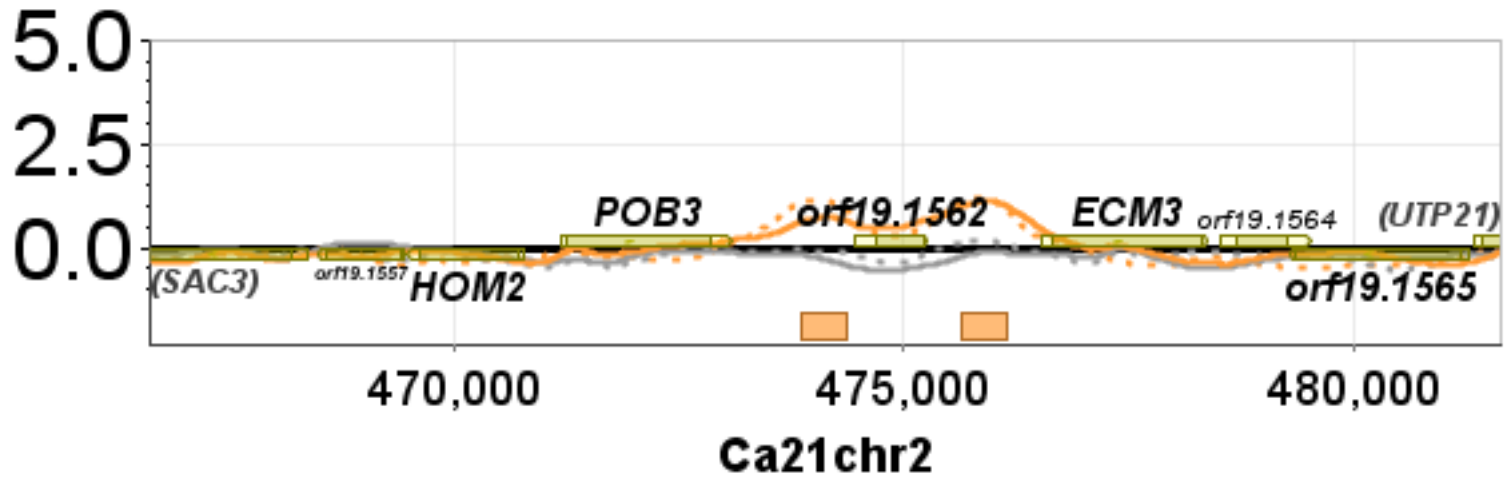
[1.142] Ca21chr4:464334-479333 [+] [PGA59, ntar_758, ntar_757, ntar_756, ntar_755]



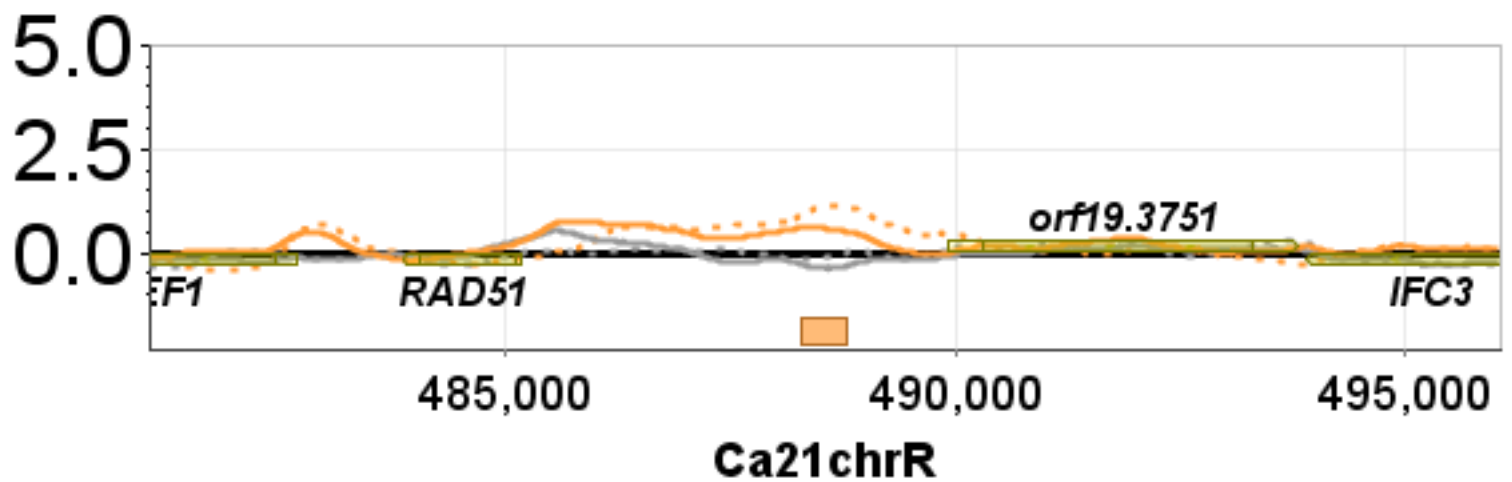
[1.142] Ca21chrR:1086017-1101016 [+] [GLN1, ntar_1277, orf19.647.3, th(quq)1, orf19.645.1]



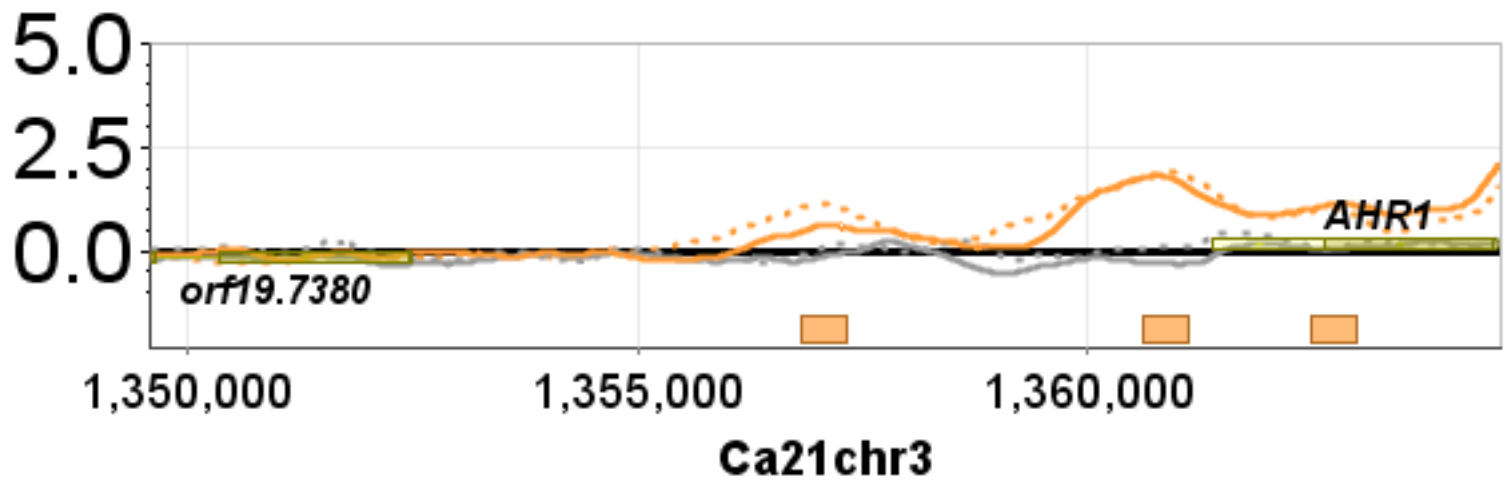
[1.141] Ca21chr2:466615-481614 [+] [orf19.1562, ECM3, POB3, ntar_330, HOM2]



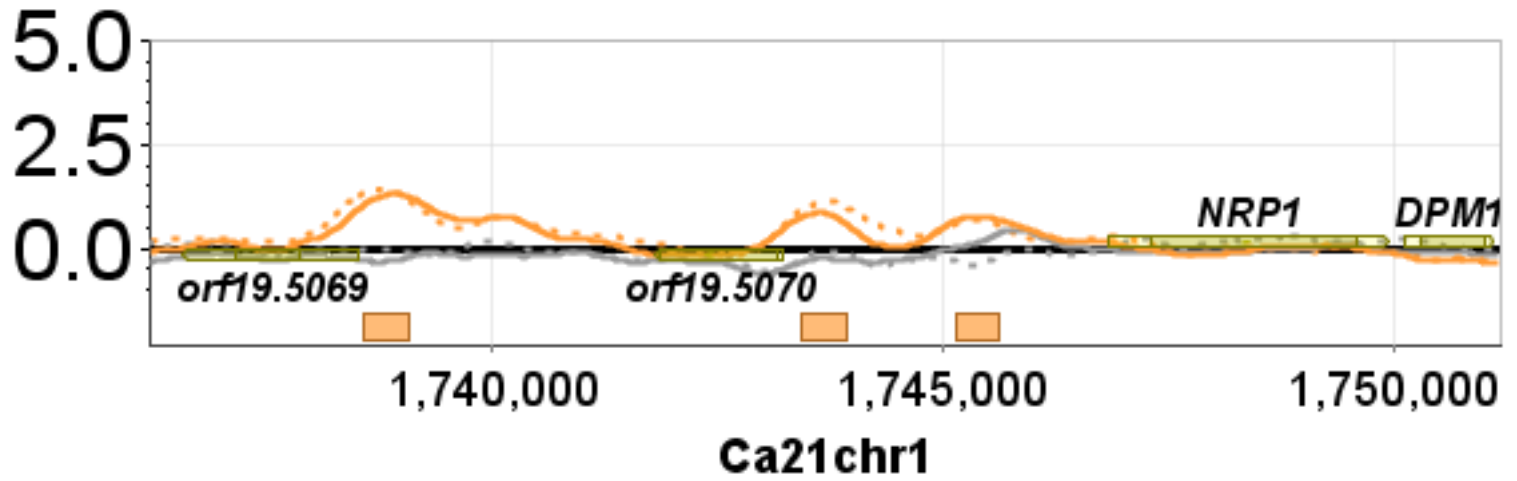
[1.141] Ca21chrR:481043-496042 [+] [orf19.3751, RAD51, SEF1, IFC3]



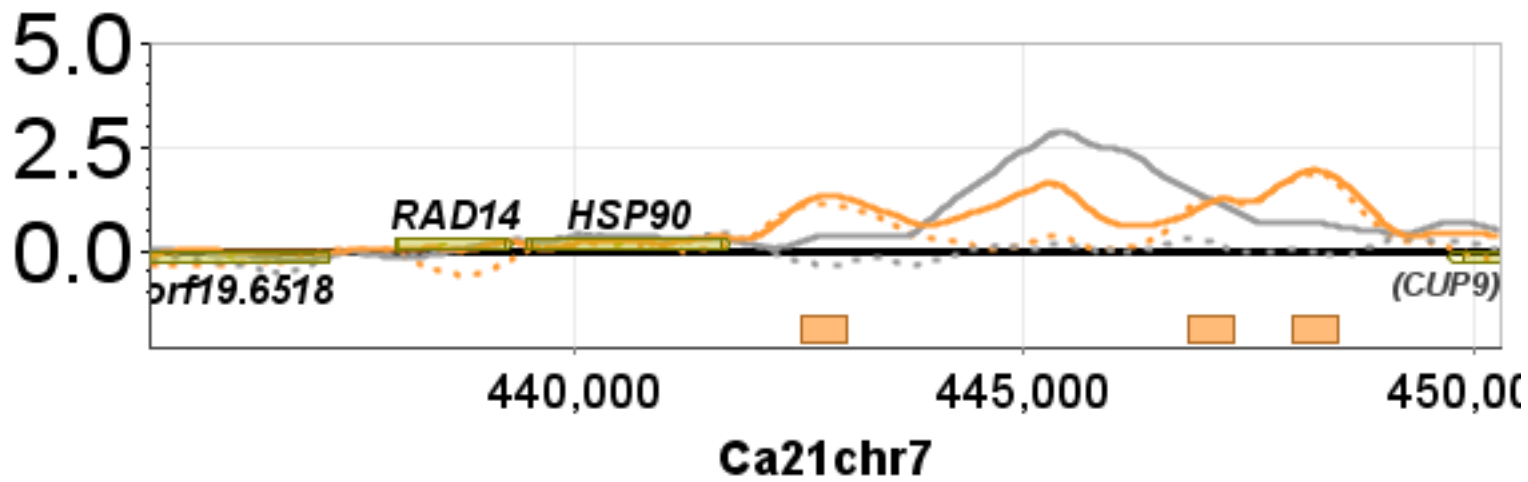
[1.138] Ca21chr3:1349575-1364574 [+] [orf19.7381, orf19.7380]



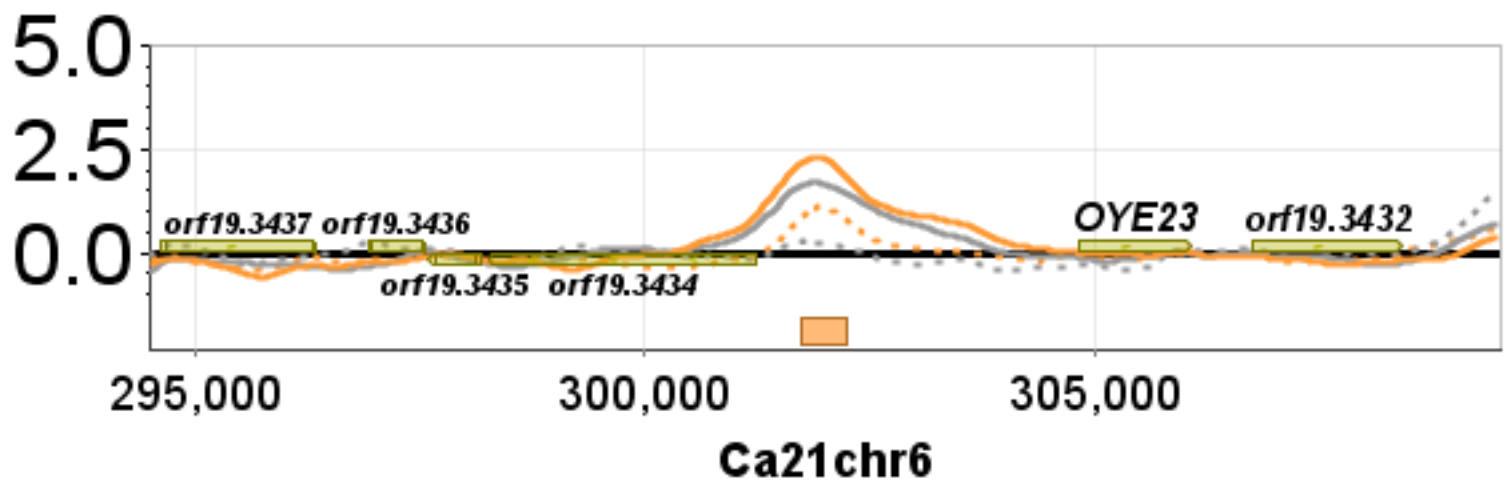
[1.136] Ca21chr1:1736183-1751182 [+] [orf19.5070, ntar_166, ntar_165, NRP1, ntar_164]



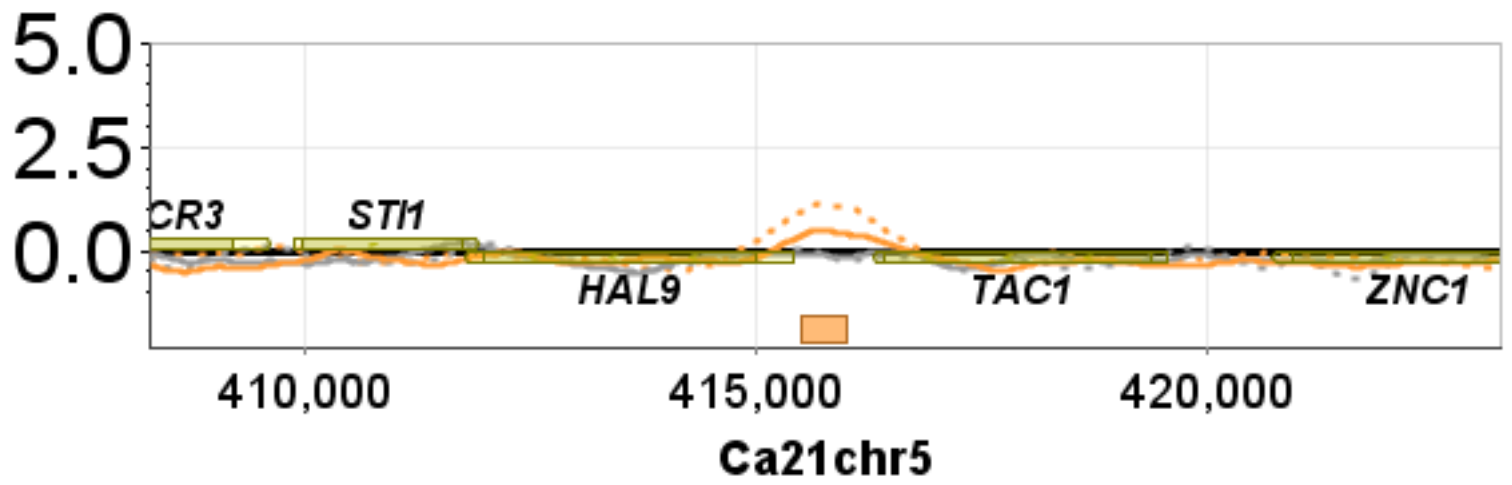
[1.133] Ca21chr7:435284-450283 [+] [ntar_1101, ntar_1103, ntar_1102, HSP90, RAD14]



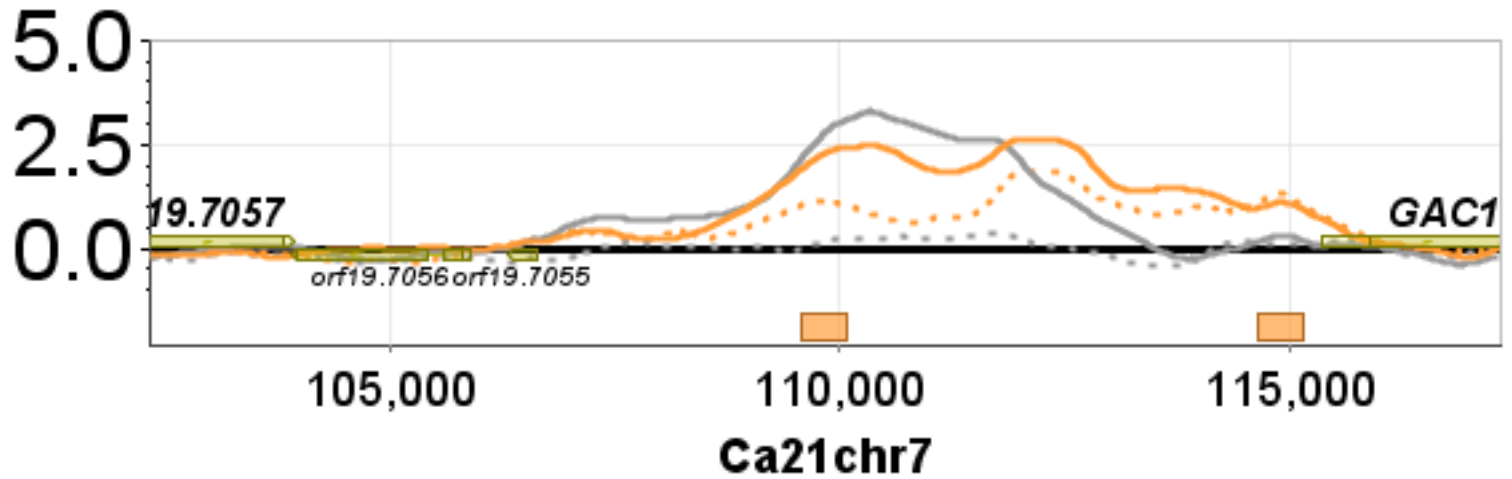
[1.129] Ca21chr6:294495-309494 [+] [orf19.3434, OYE23, orf19.3435, orf19.3432, orf19.3436]



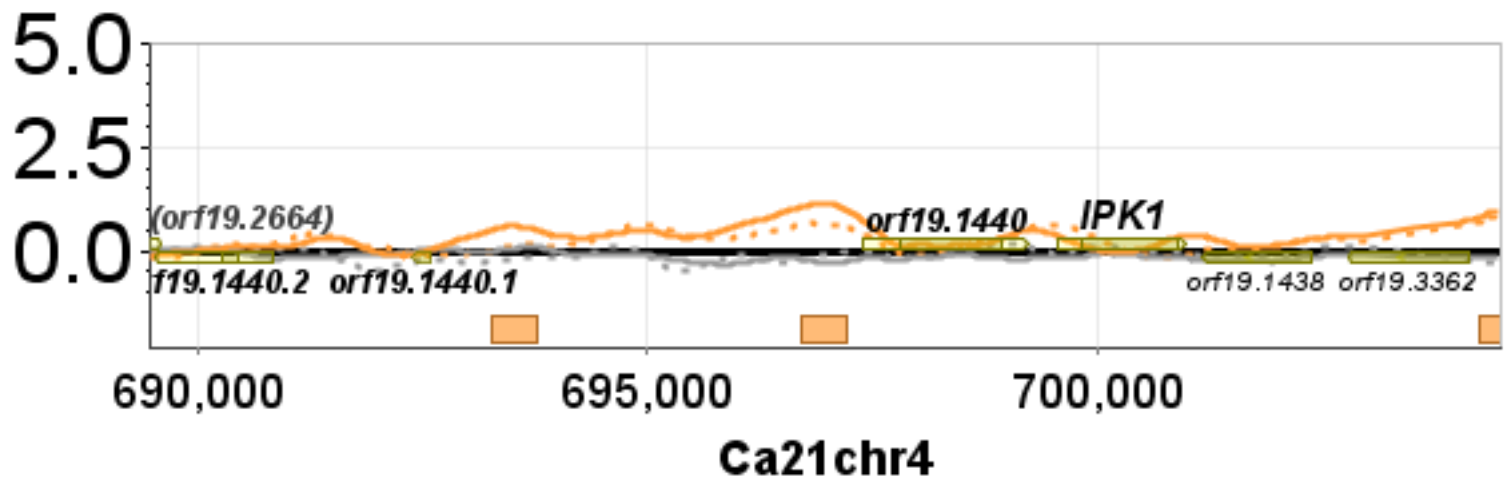
[1.126] Ca21chr5:408254-423253 [+] [ntar_881, HAL9, TAC1, ST11, ZNC1]



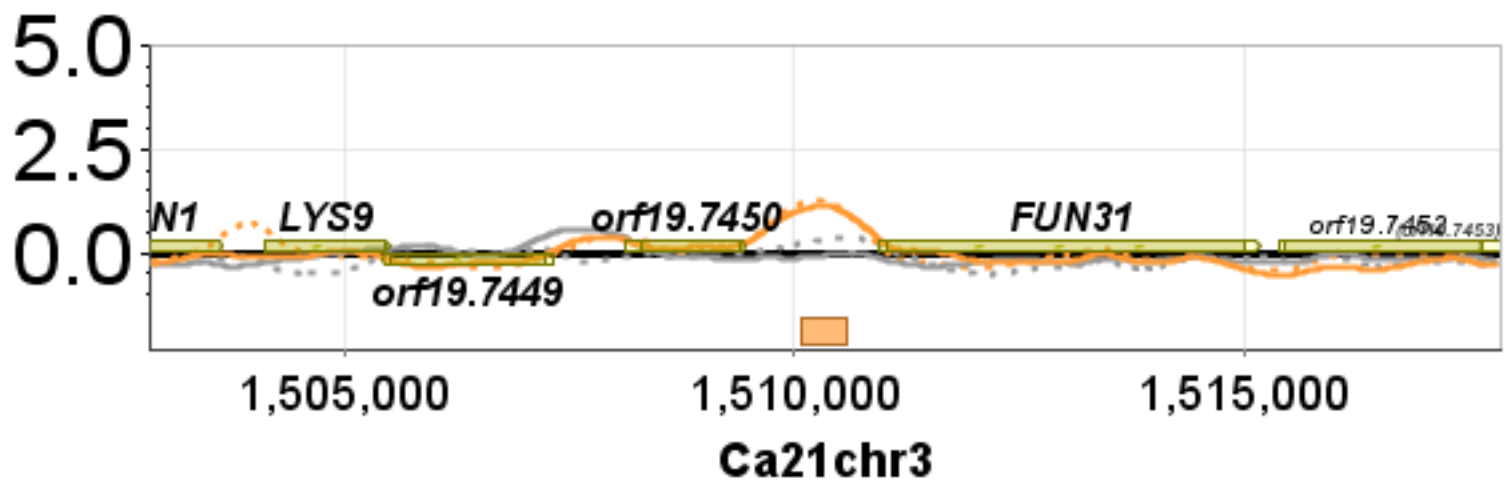
[1.125] Ca21chr7:102323-117322 [+] [ntar_1413, orf19.7055, orf19.7056, orf19.7054, GAC1]



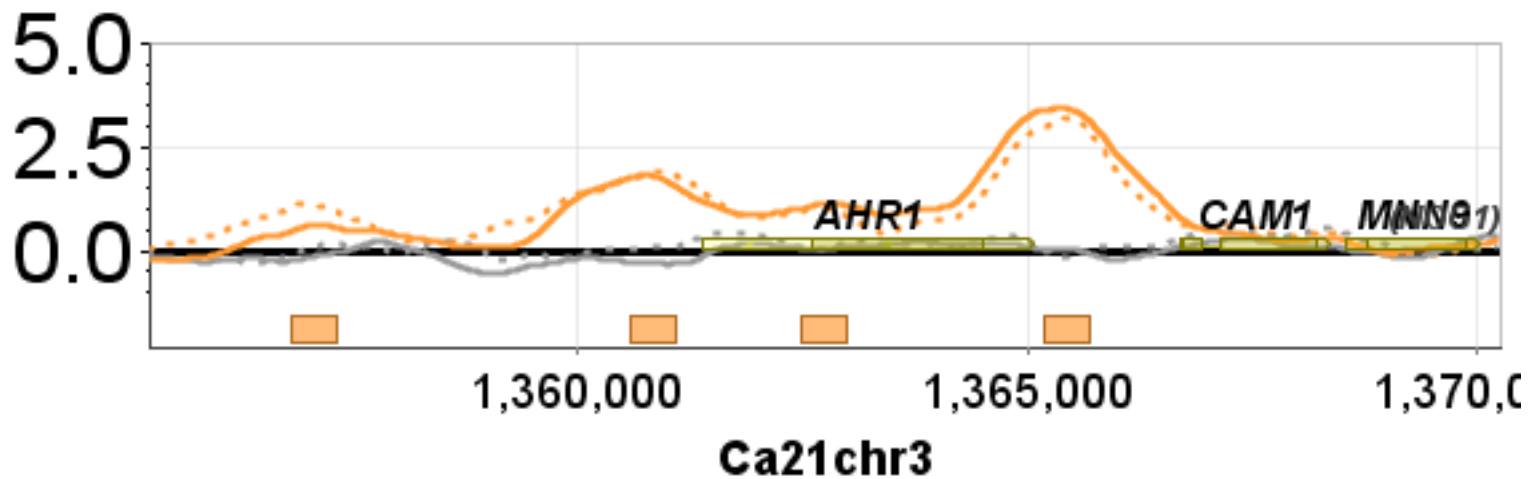
[1.123] Ca21chr4:689465-704464 [+] [orf19.1440, ntar_779, ntar_778, IPK1, orf19.1440.1]



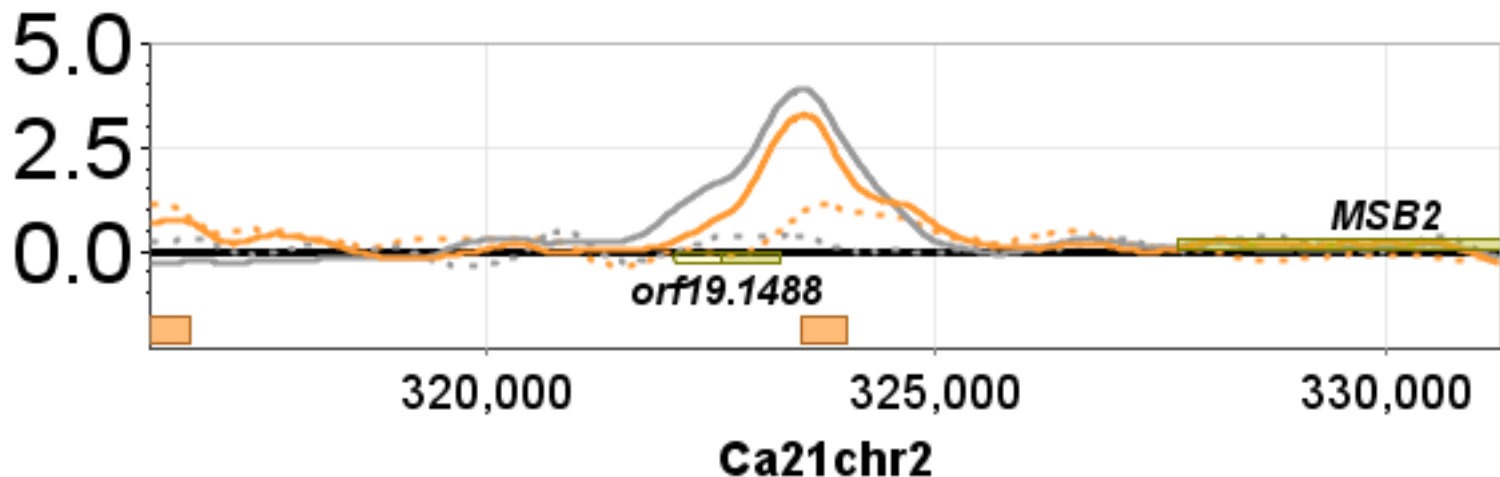
[1.122] Ca21chr3:1502835-1517834 [+] [FUN31, orf19.7450, orf19.7449, orf19.7452, LYS9]



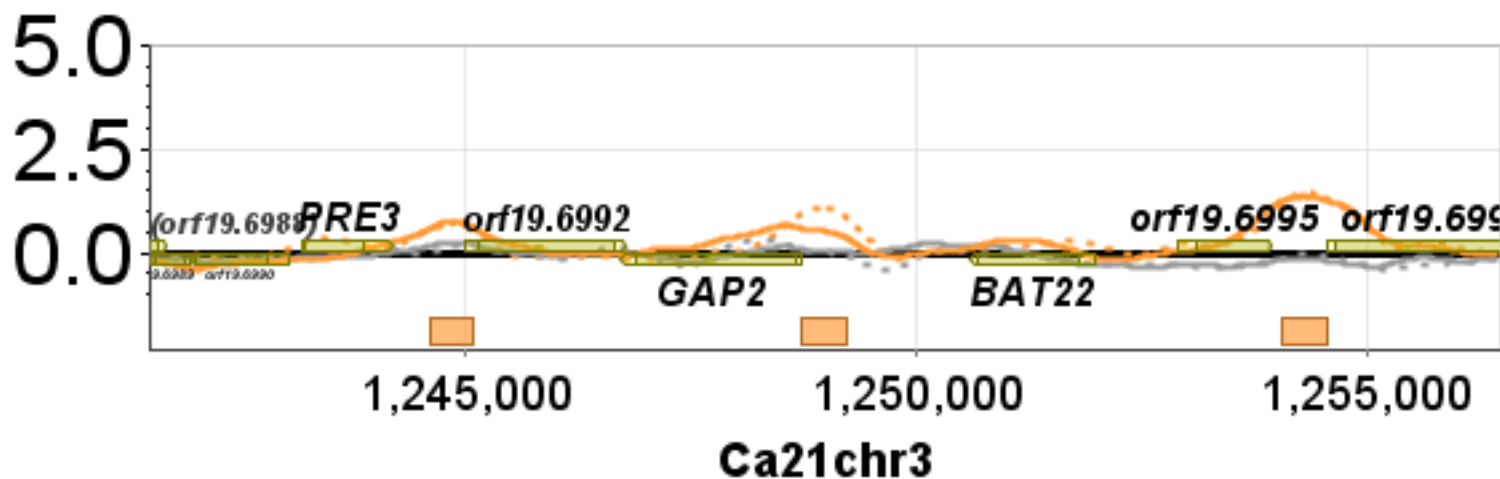
[1.112] Ca21chr3:1355247-1370246 [+] [orf19.7381, CAM1, MNN9, NOG1]



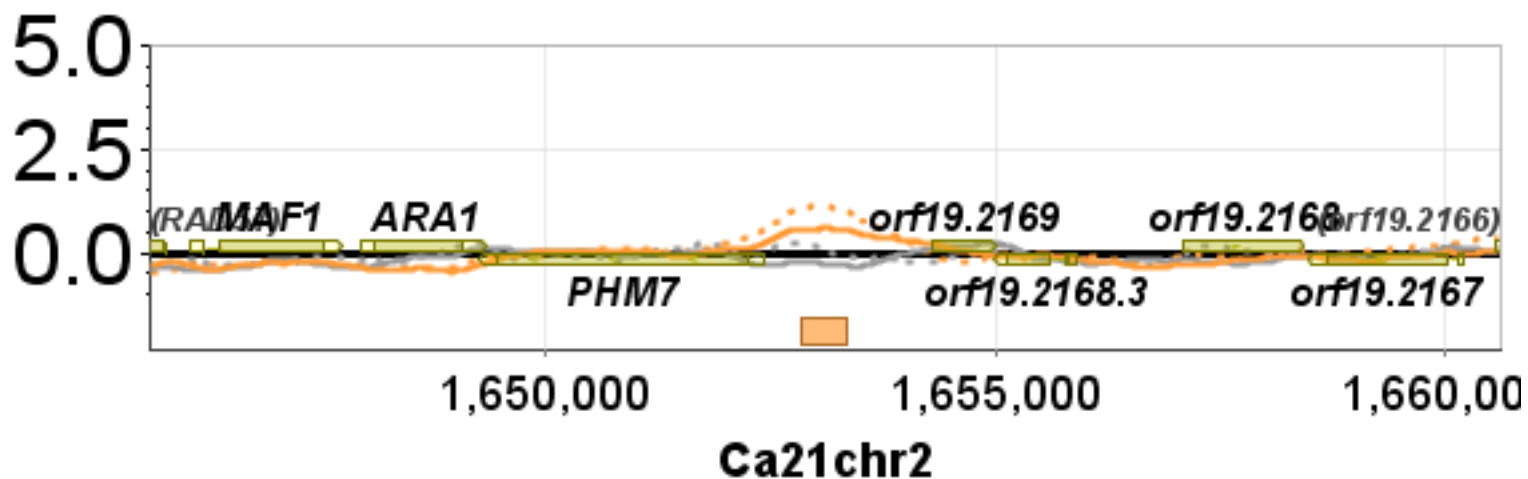
[1.115] Ca21chr2:316263-331262 [+] [tl(caa)1, orf19.1488, ntar_314, MSB2, ntar_313]



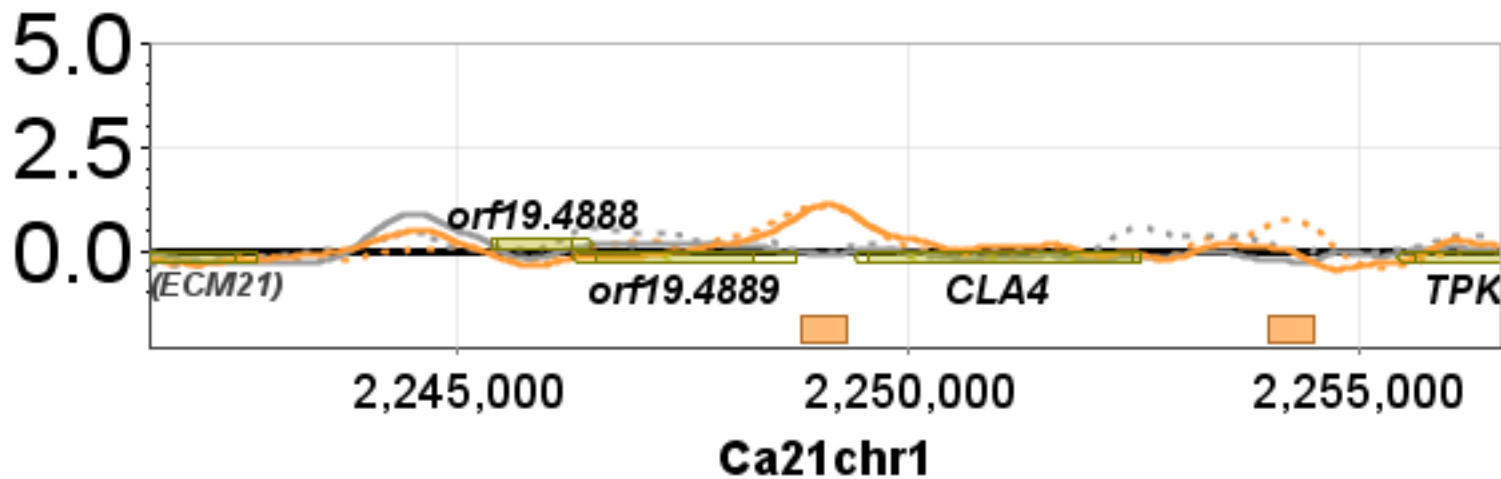
[1.111] Ca21chr3:1241474-1256473 [+] [GAP2, BAT22, orf19.6995, orf19.6992, orf19.6996]



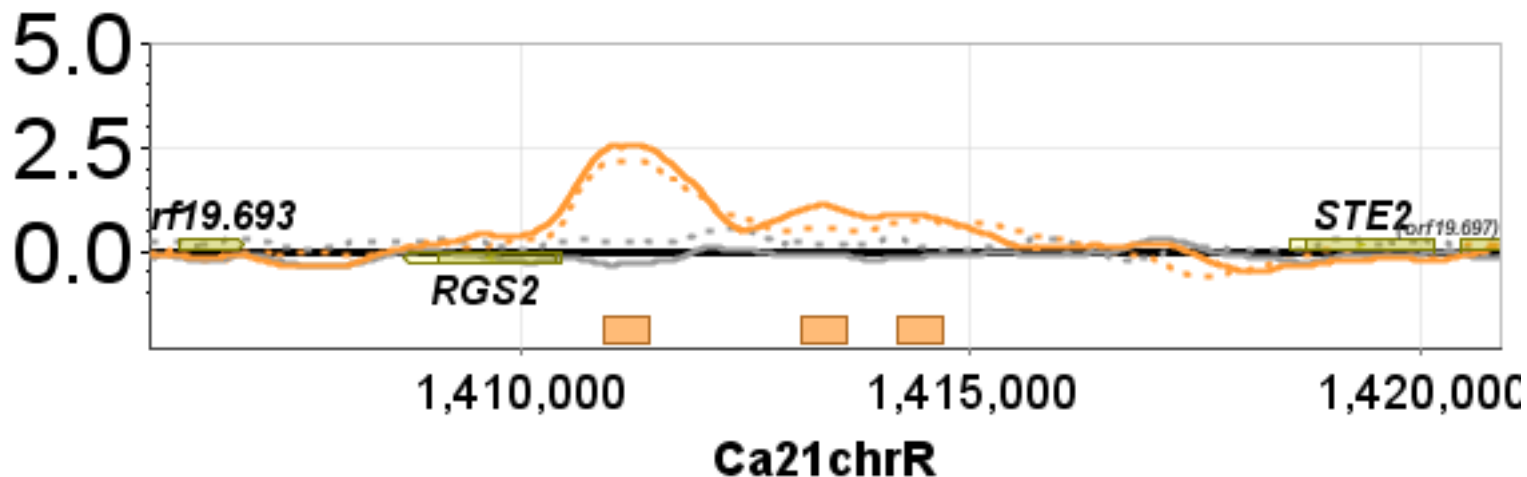
[1.109] Ca21chr2:1645603-1660602 [+] [PHM7, orf19.2169, orf19.2168.3, ntar_438, orf19.2168]



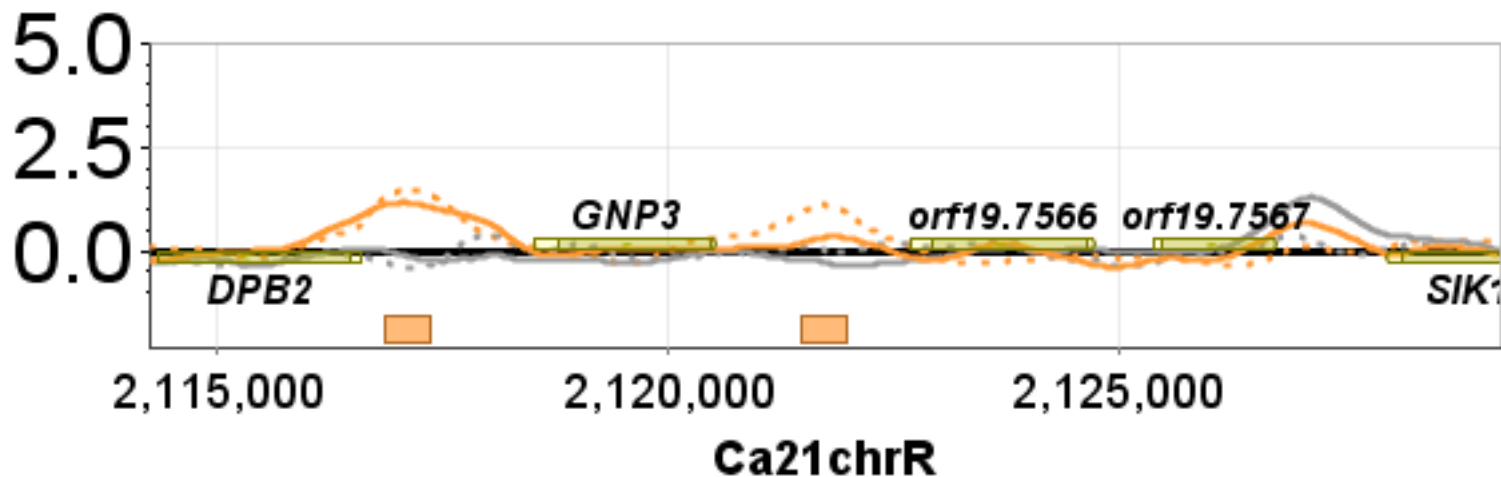
[1.108] Ca21chr1:2241562-2256561 [+] [orf19.4889, CLA4, orf19.4888, ntar_208, ECM21]



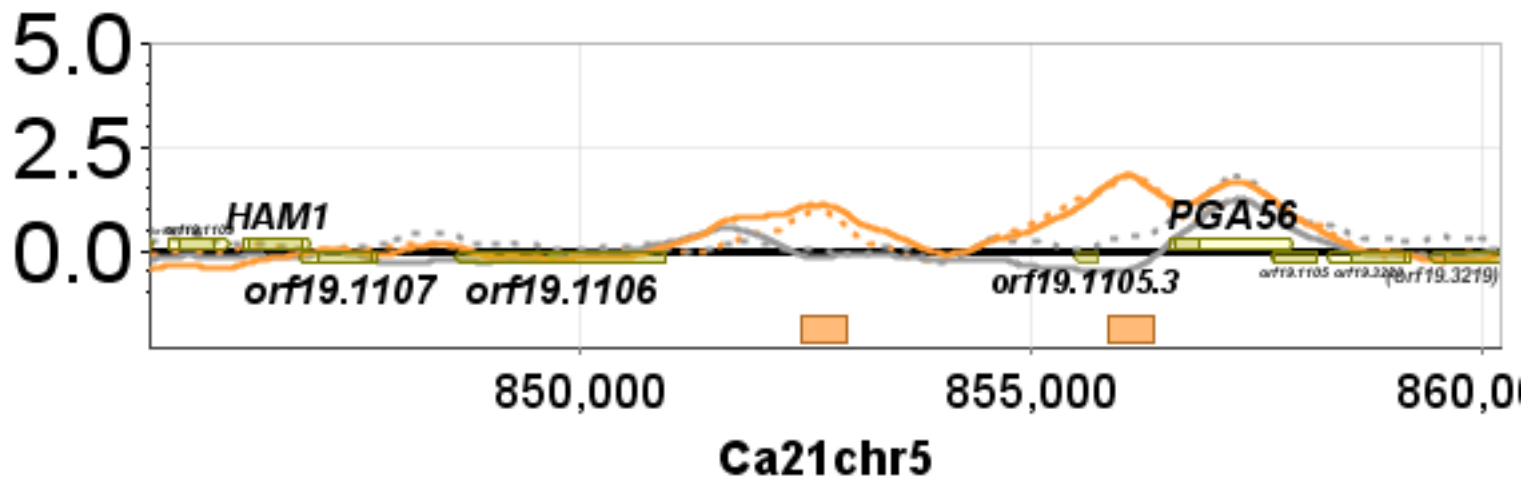
[1.107] Ca21chrR:1405871-1420870 [+] [ntar_1311, ntar_1310, ntar_1312, ntar_1314, RGS2]



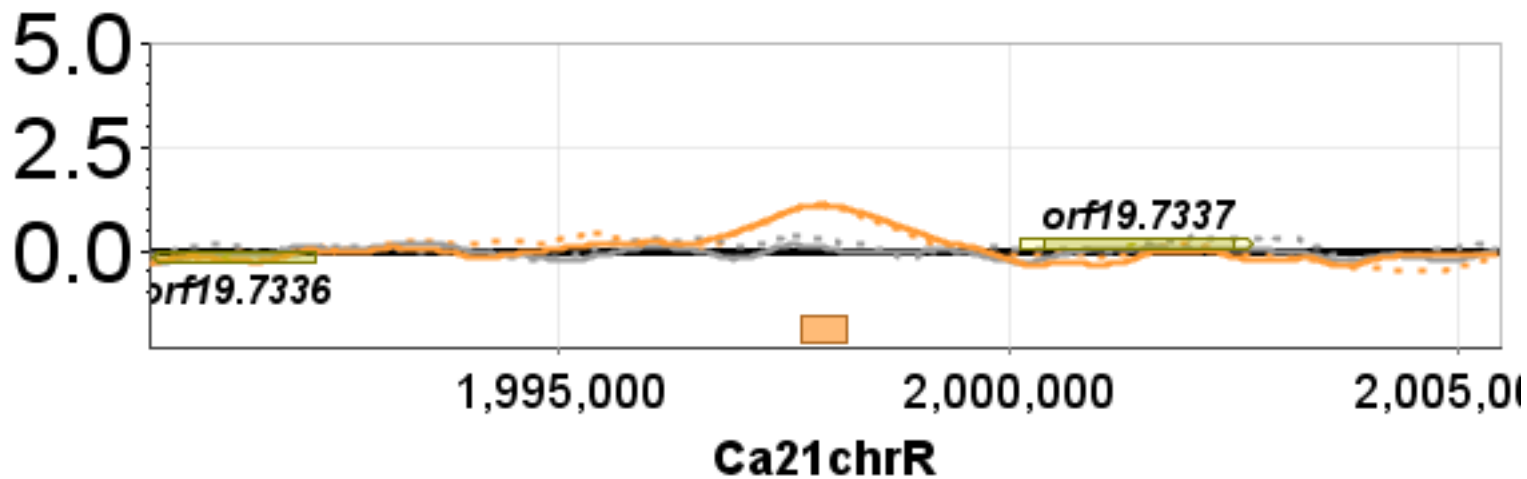
[1.107] Ca21chrR:2114231-2129230 [+] [orf19.7566, GNP3, orf19.7567, DPB2, orf19.7568]



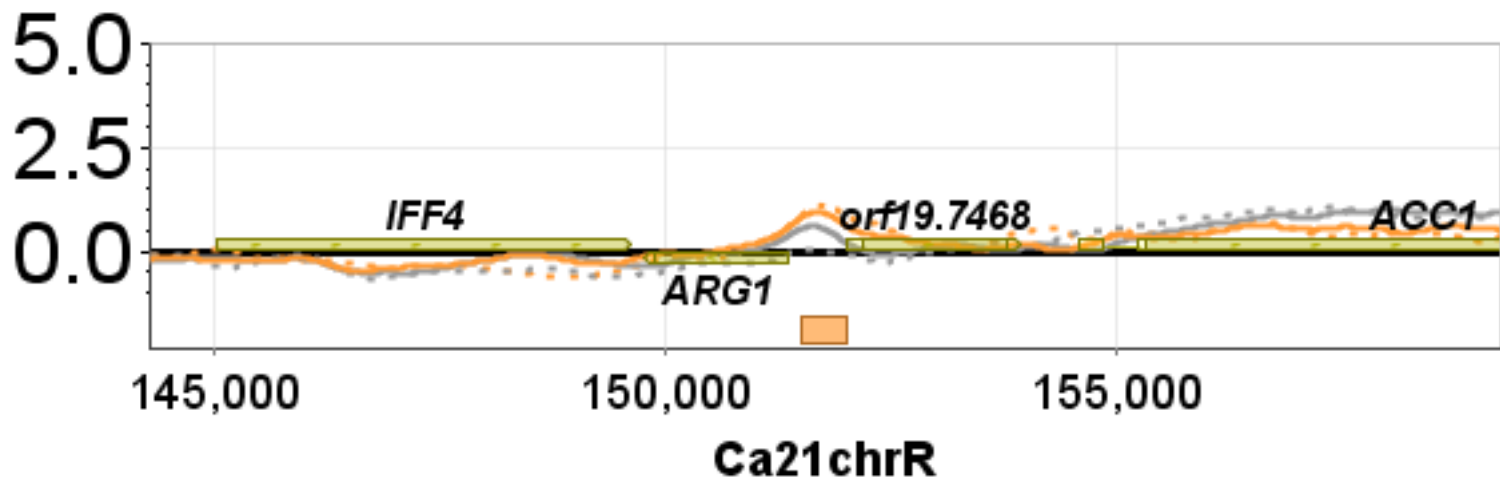
[1.105] Ca21chr5:845199-860198 [+] [orf19.1106, orf19.1105.3, PGA56, ntar_930, orf19.1107]



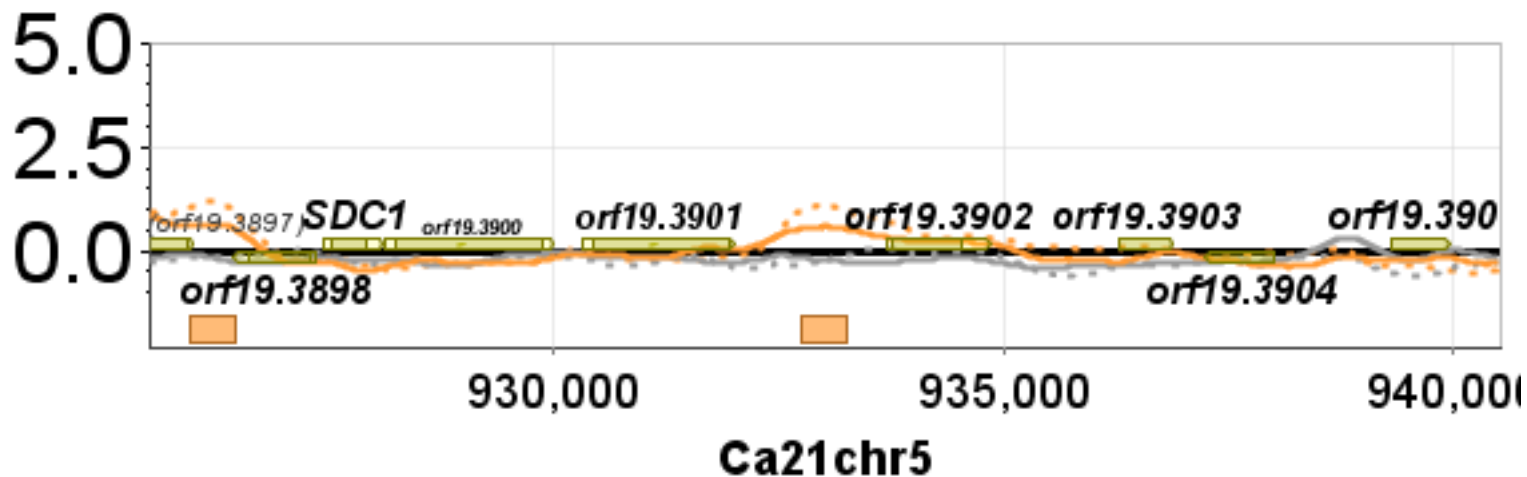
[1.105] Ca21chrR:1990450-2005449 [+] [ntar_1377, orf19.7337, ntar_1378, ntar_1379, orf19.7336]



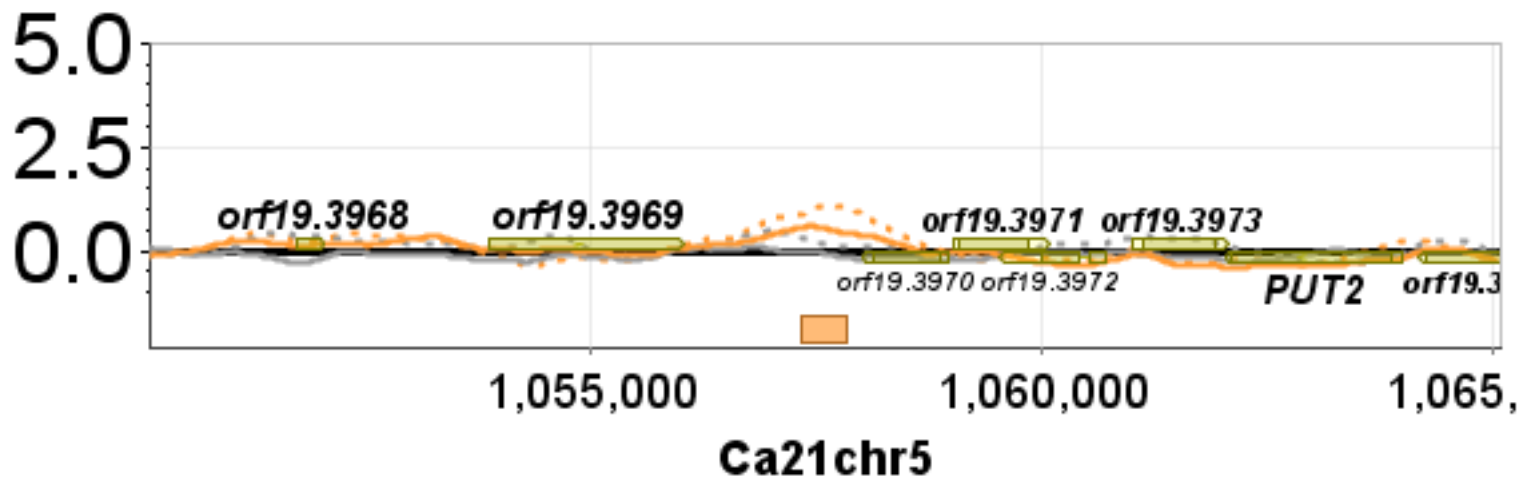
[1.104] Ca21chrR:144263-159262 [+] [orf19.7468, ARG1, ntar_1166, ACC1, IFF4]



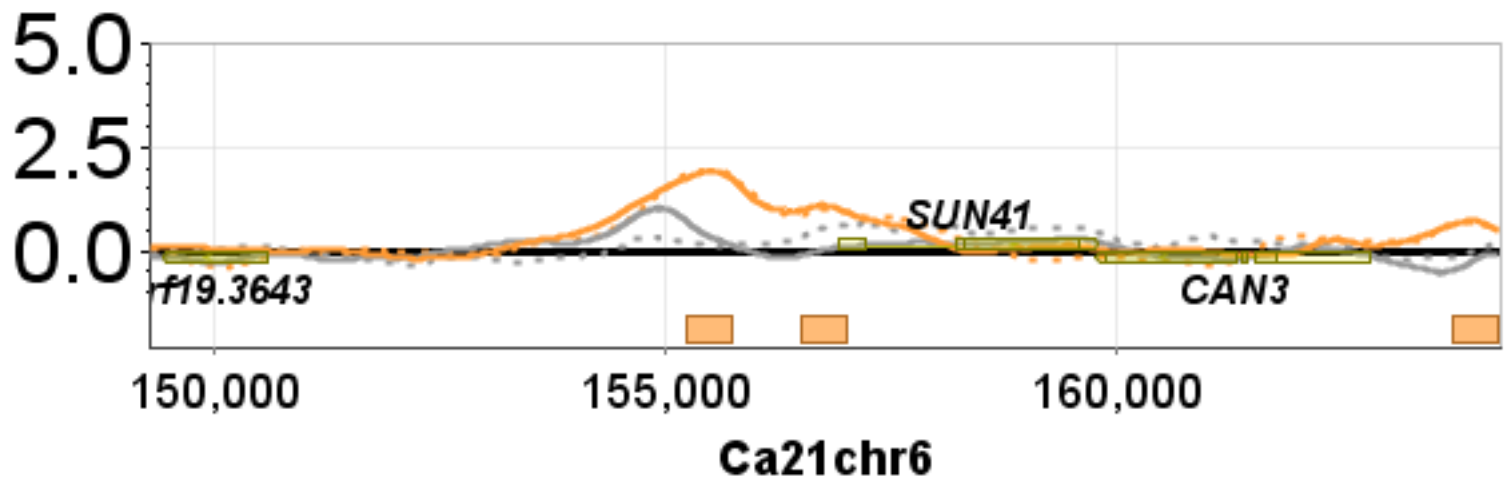
[1.102] Ca21chr5:925512-940511 [+] [orf19.3902, ntar_944, ntar_943, ntar_942, orf19.3901]



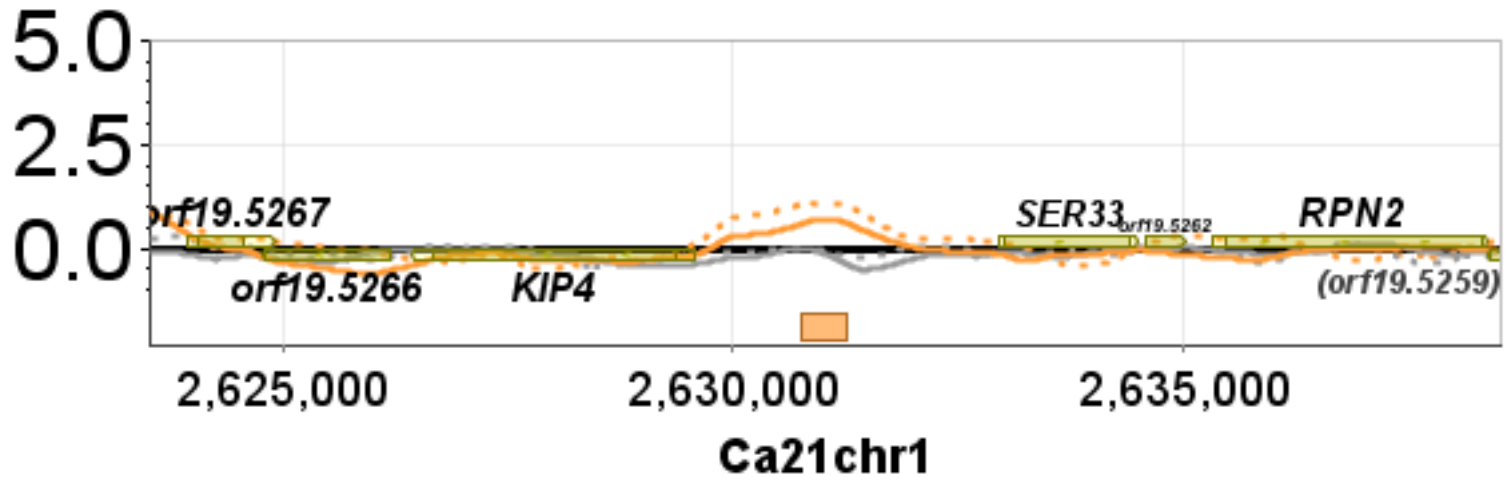
[1.1] Ca21chr5:1050080-1065079 [+] [orf19.3970, orf19.3971, ntar_953, orf19.3972, orf19.3973]



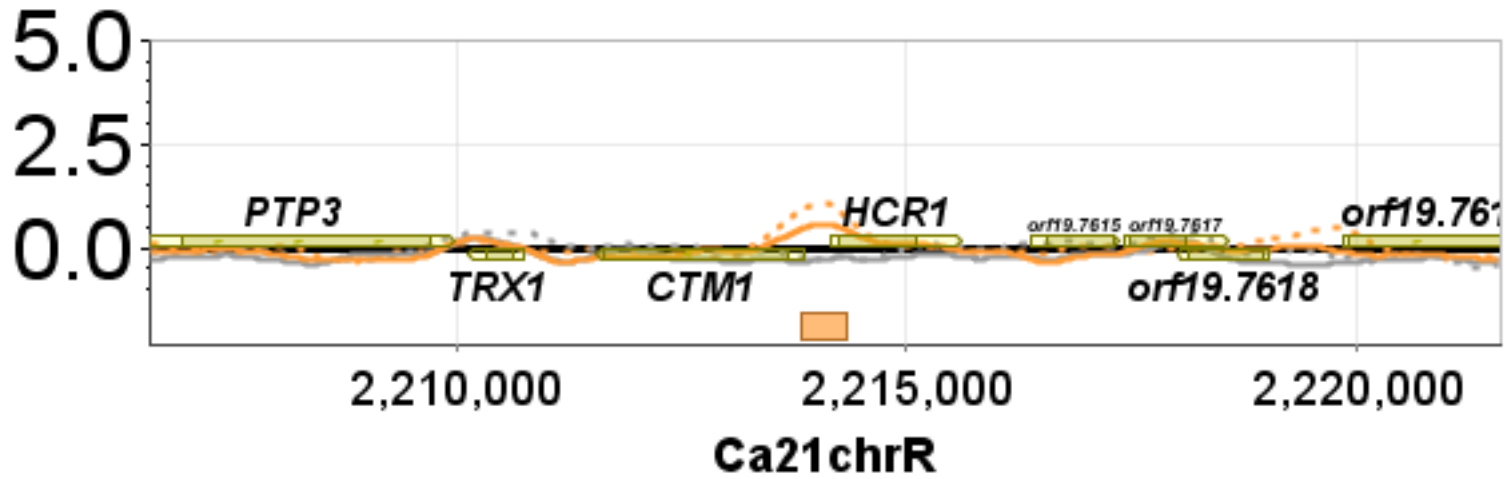
[1.099] Ca21chr6:149268-164267 [+] [SUN41, CAN3, orf19.3643]



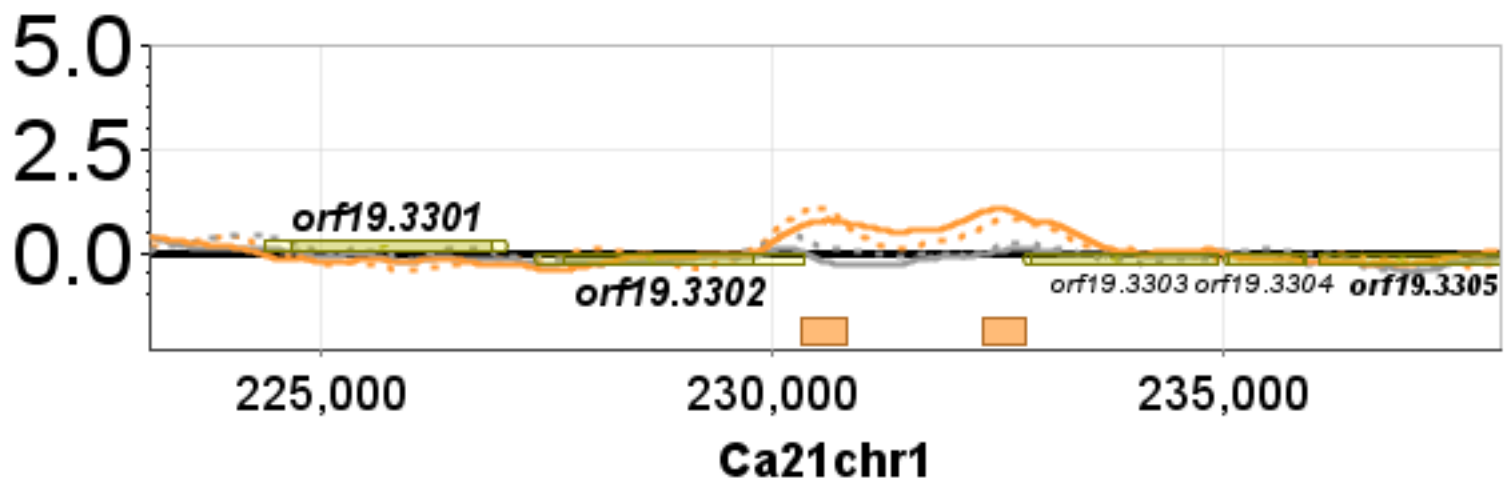
[1.097] Ca21chr1:2623513-2638512 [+] [Intar_247, orf19.5264, KIP4, SER33, orf19.5262]



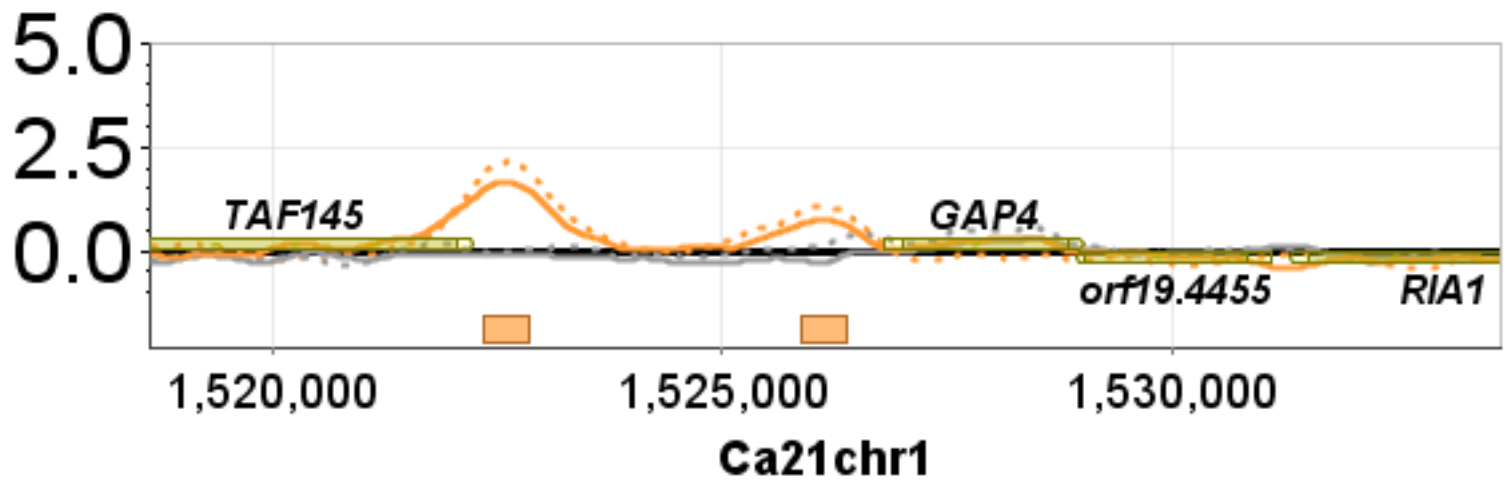
[1.097] Ca21chrR:2206586-2221585 [+] [HCR1, CTM1, orf19.7614, orf19.7615, orf19.7617]



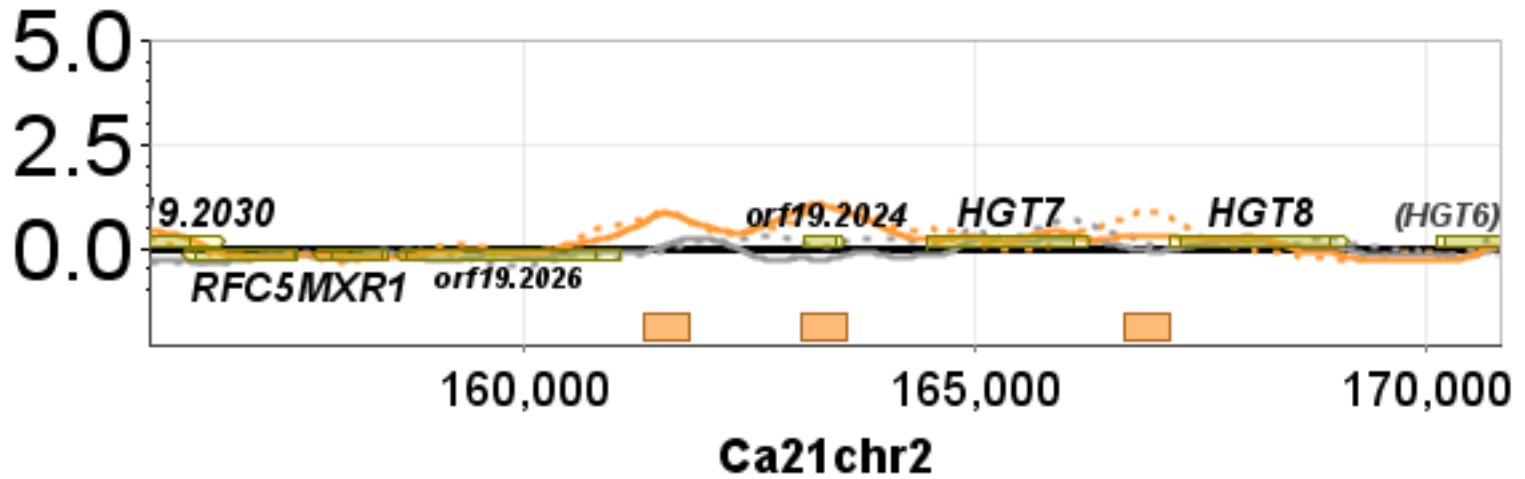
[1.095] Ca21chr1:223082-238081 [+] [orf19.3302, ntar_18, ntar_19, ntar_20, orf19.3303]



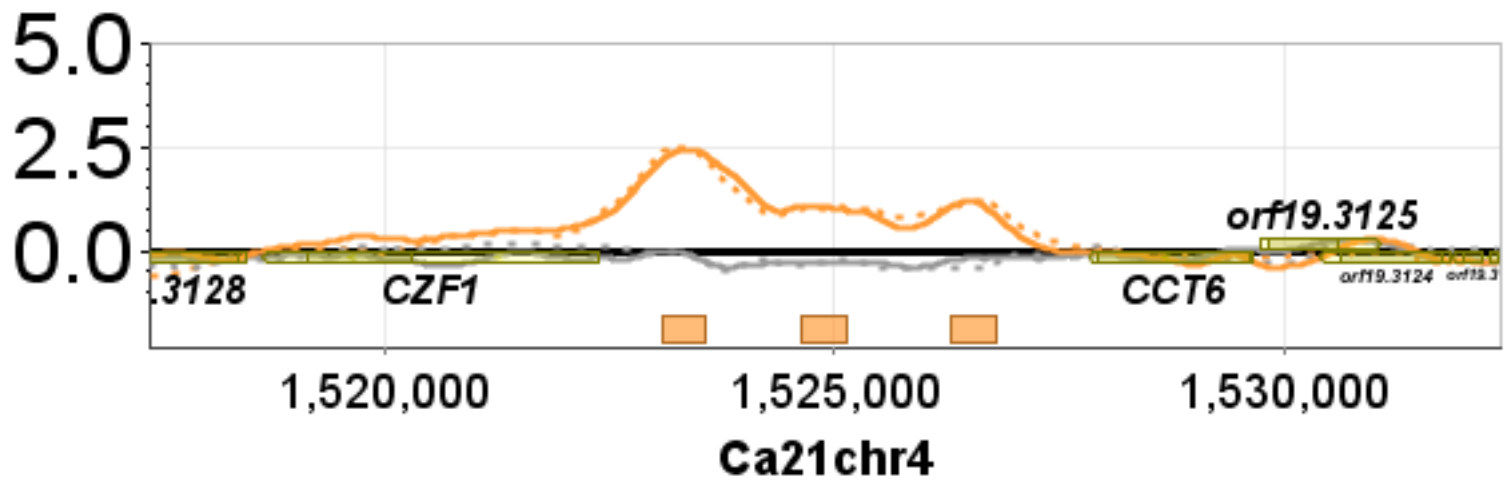
[1.09] Ca21chr1:1518635-1533634 [+] [GAP4, orf19.4455, TAF145, RIA1]



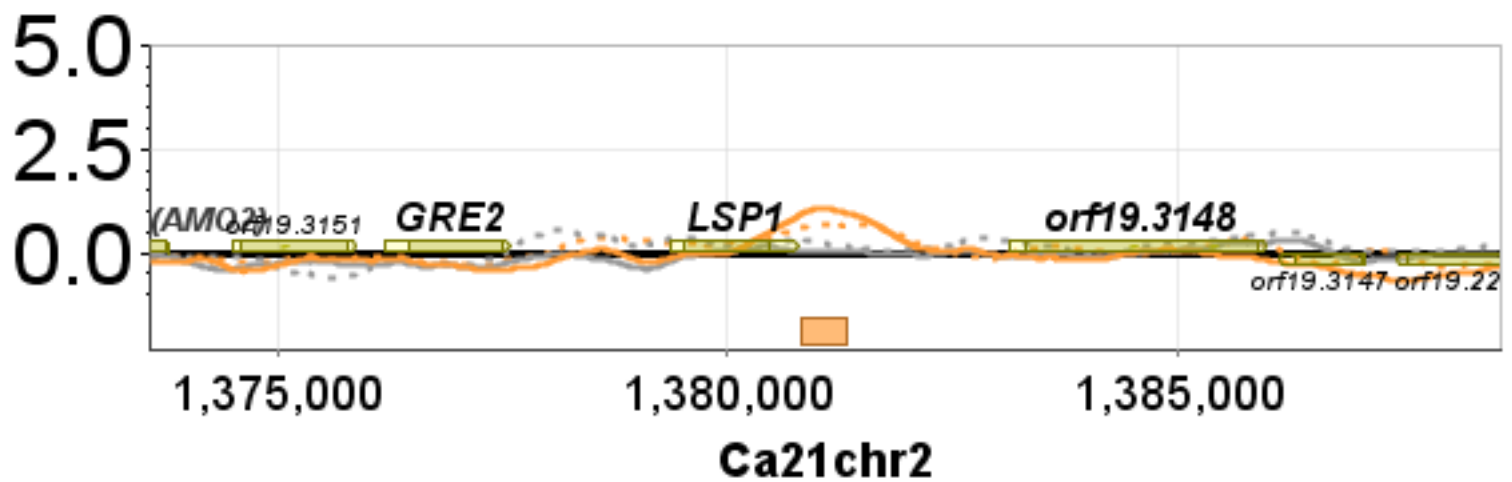
[1.088] Ca21chr2:155829-170828 [+] [orf19.2024, ntar_296, HGT7, orf19.2025, orf19.2026]



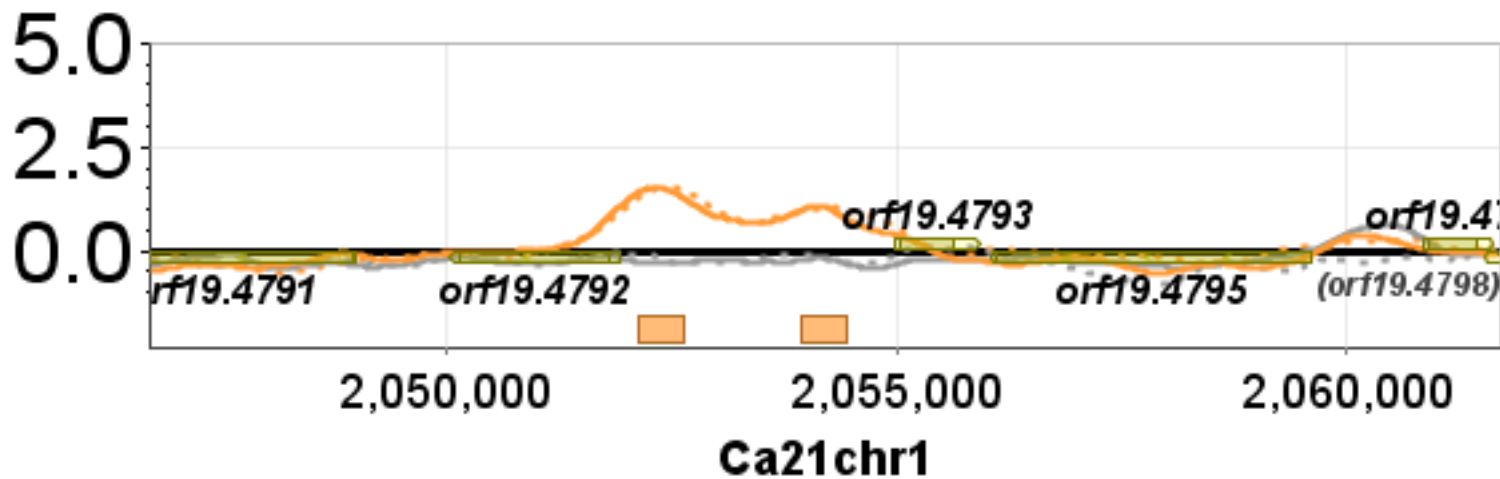
[1.086] Ca21chr4:1517389-1532388 [+] [CZF1, CCT6, orf19.3125, orf19.3128, orf19.3124]



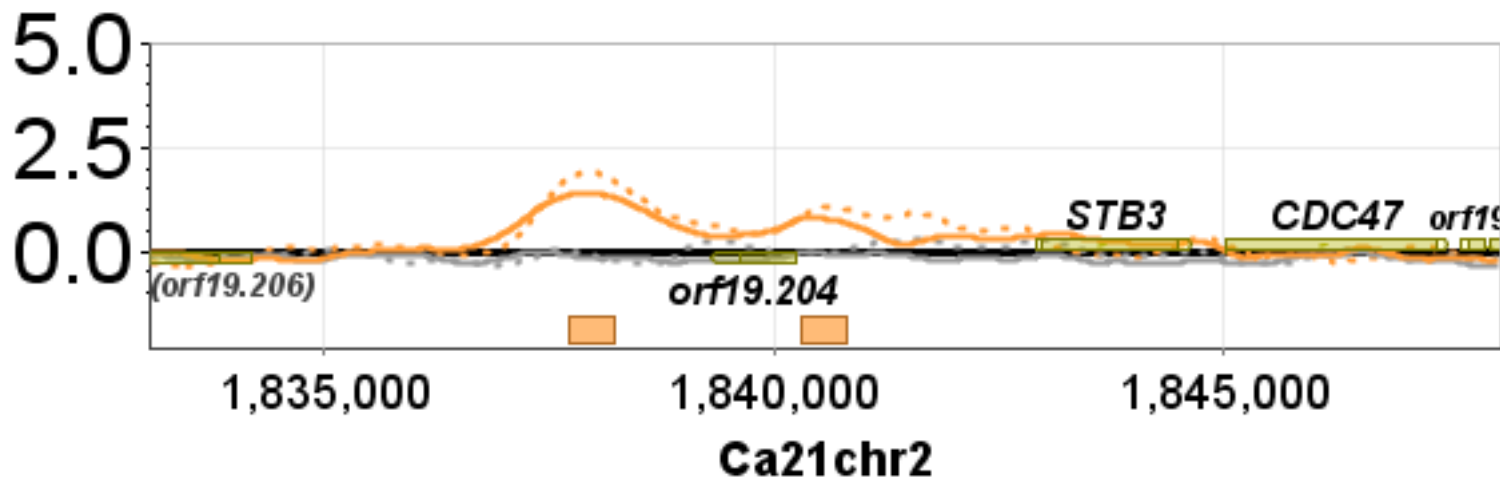
[1.083] Ca21chr2:1373570-1388569 [+] [ntar_423, LSP1, orf19.3148, ntar_421, ntar_422]



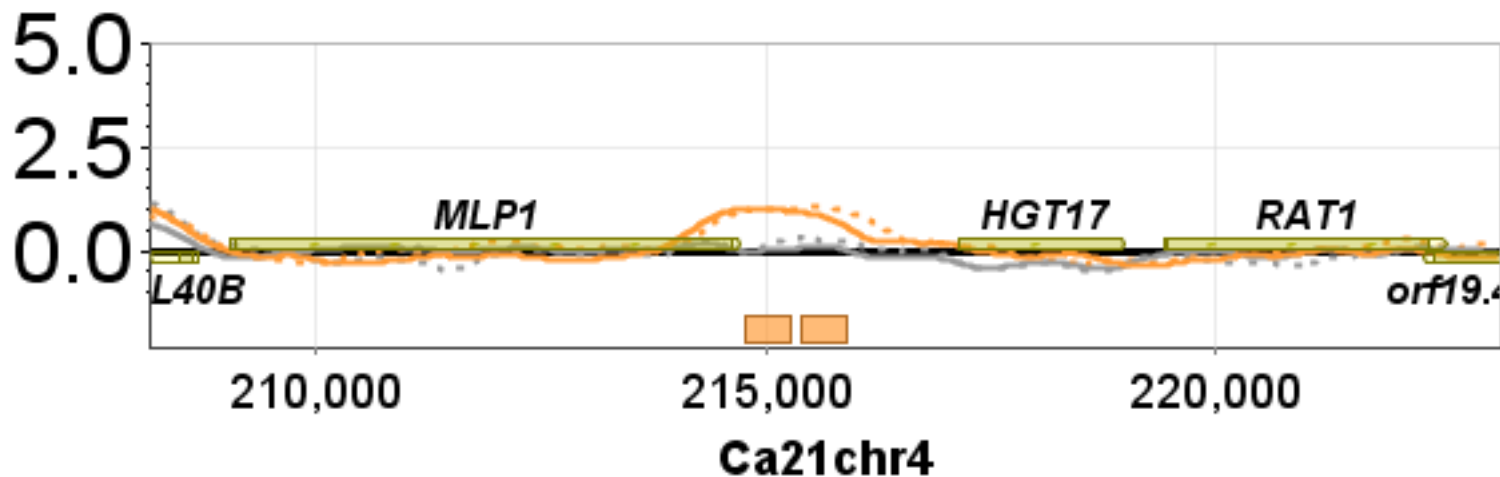
[1.081] Ca21chr1:2046696-2061695 [+] [orf19.4793, ntar_195, orf19.4792, orf19.4791, orf19.4795]



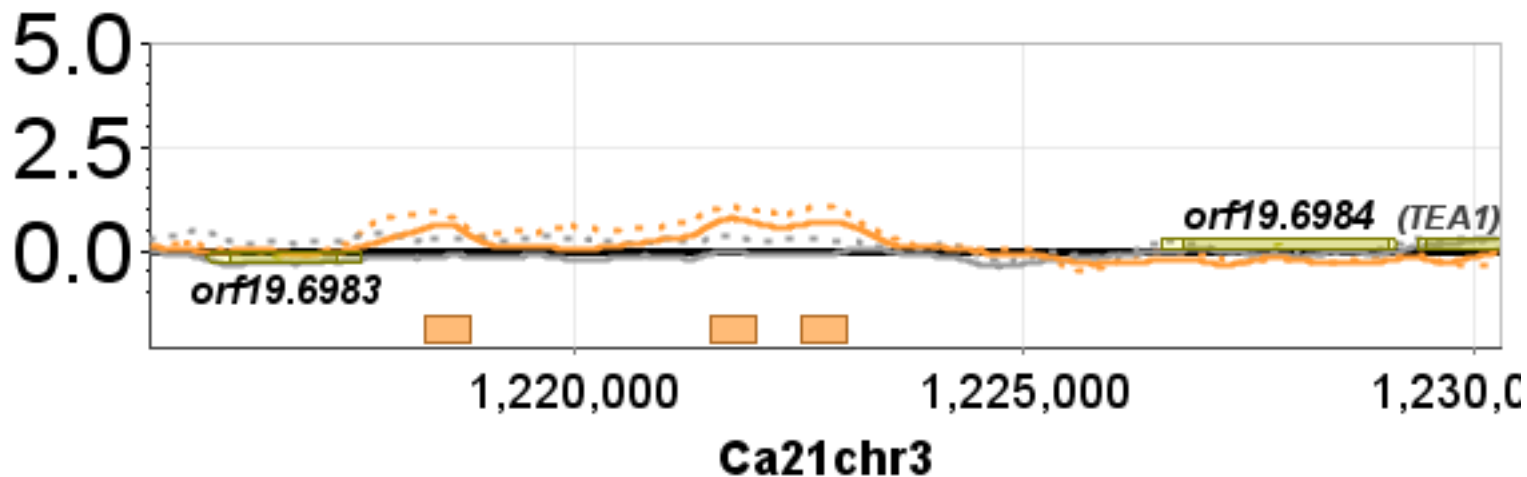
[1.08] Ca21chr2:1833055-1848054 [+] [orf19.204, STB3, ntar_465, ntar_466, CDC47]



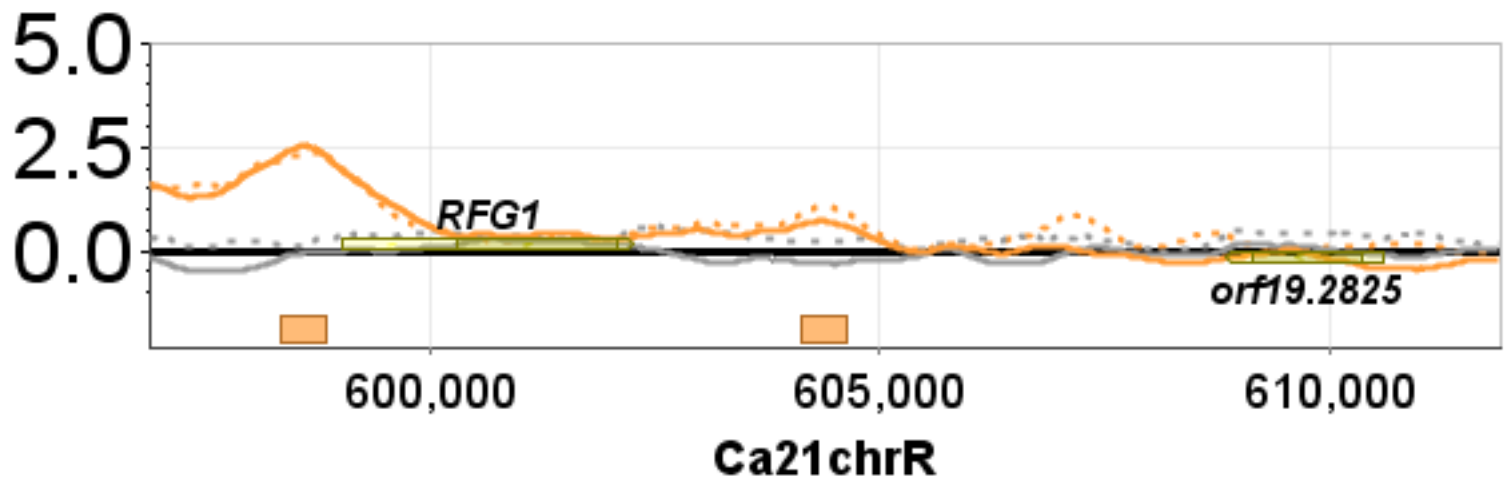
[1.08] Ca21chr4:208146-223145 [+] [HGT17, RAT1, MLP1, RPL40B, ntar_727]



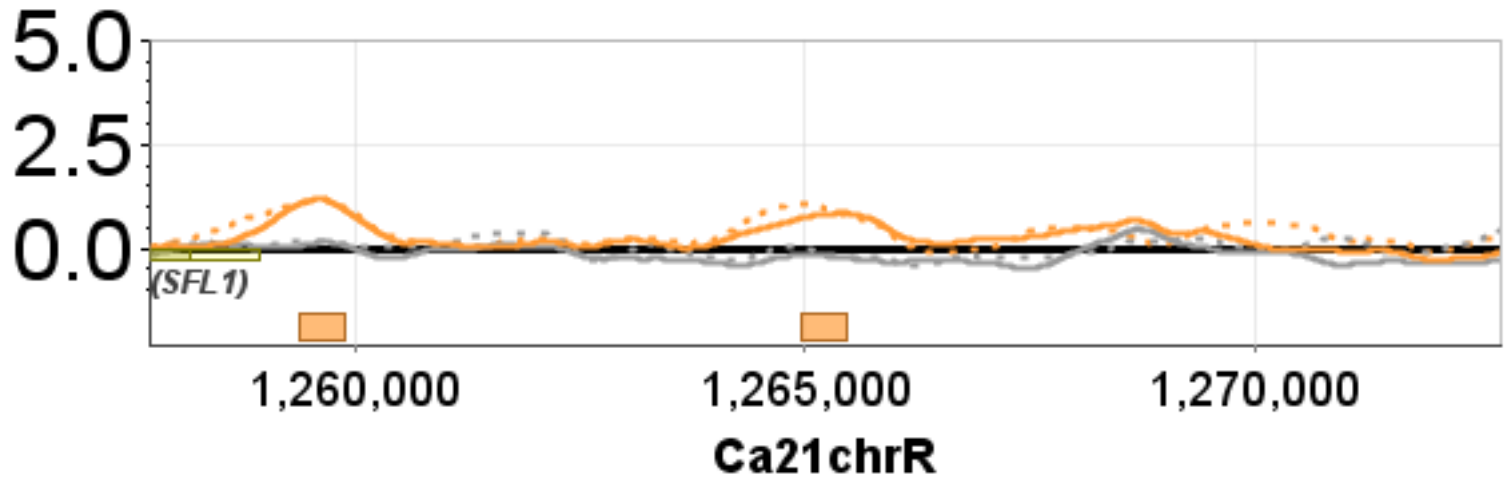
[1.078] Ca21chr3:1215278-1230277 [+] [ntar_633, orf19.6984, orf19.6983, TEA1, ntar_632]



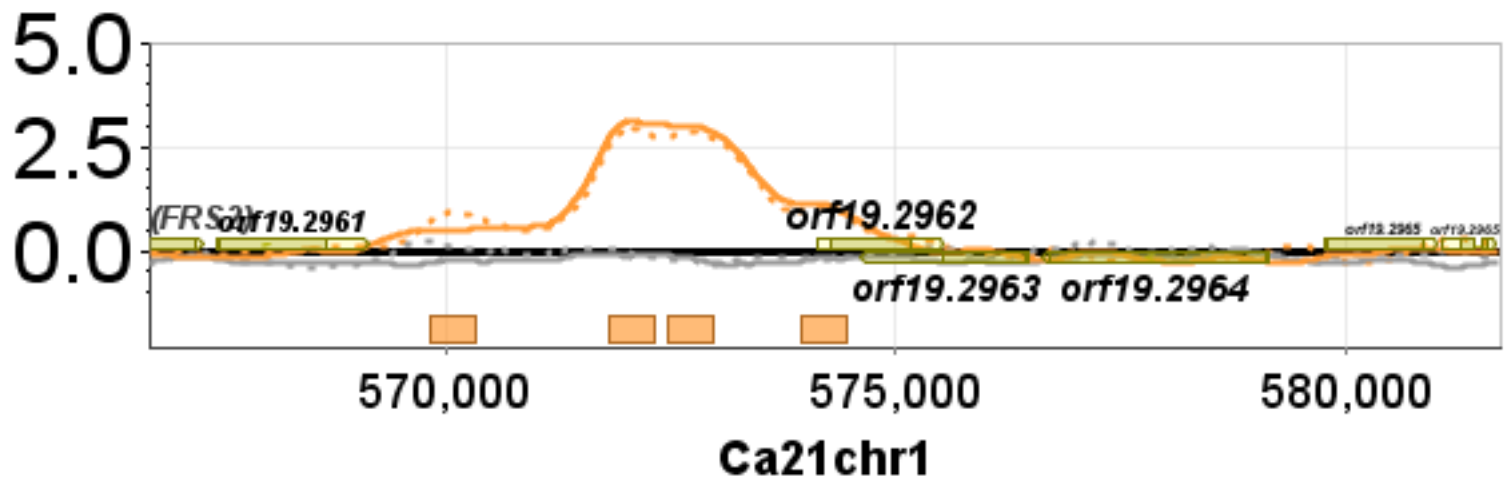
[1.074] Ca21chrR:596882-611881 [+] [ntar_1219, ntar_1220, RFG1, orf19.2825, ntar_1222]



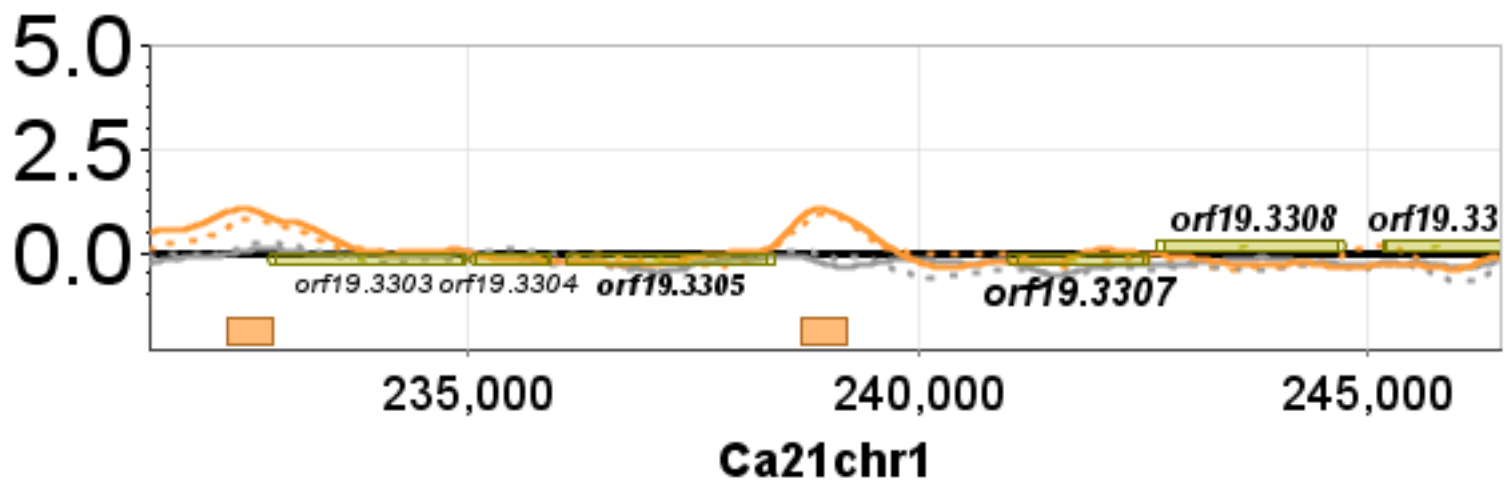
[1.074] Ca21chrR:1257713-1272712 [+] [ntar_1292, ntar_1291, SFL1]



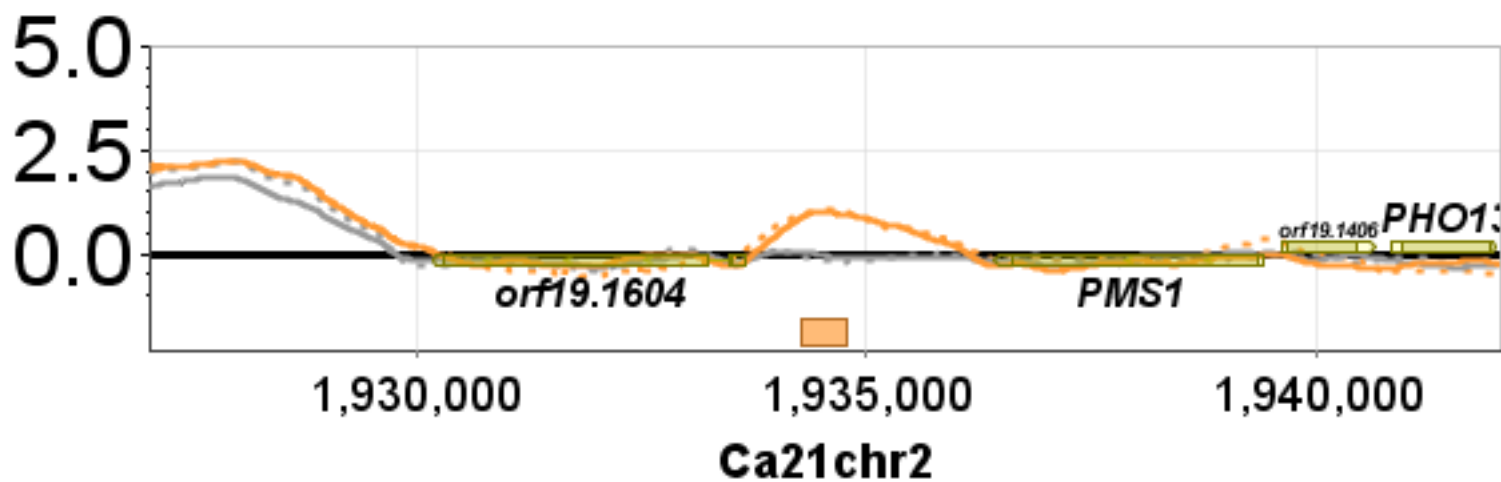
[1.073] Ca21chr1:566710-581709 [+] [orf19.2962, orf19.2963, orf19.2964, orf19.2965, orf19.2961]



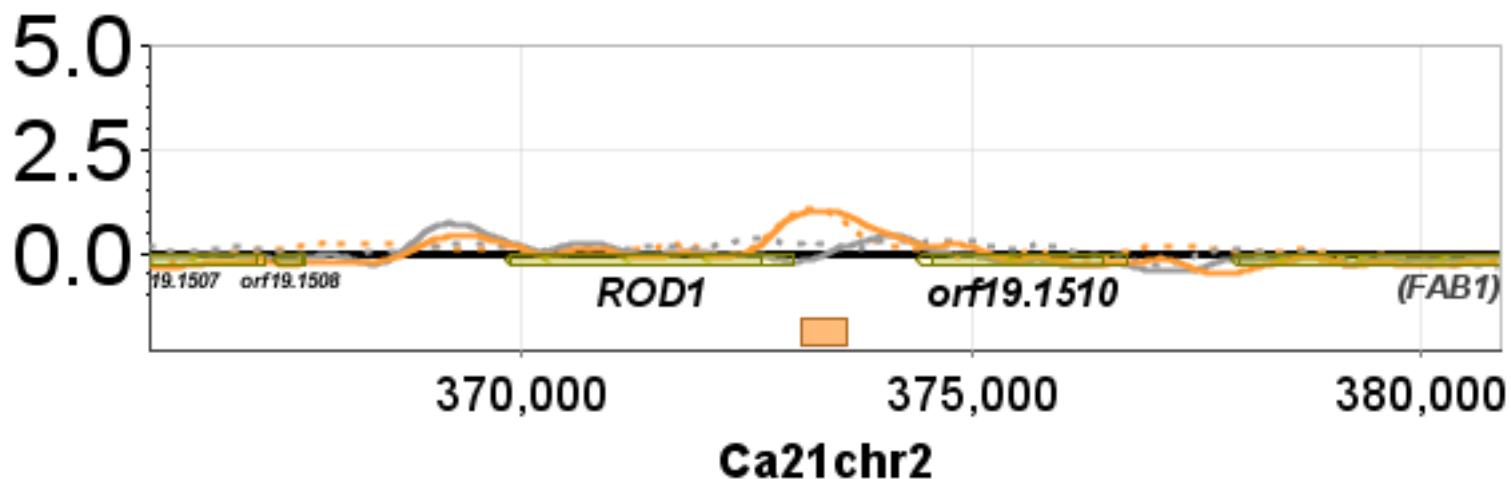
[1.07] Ca21chr1:231461-246460 [+] [ntar_21, orf19.3305, orf19.3306, orf19.3304, orf19.3307]



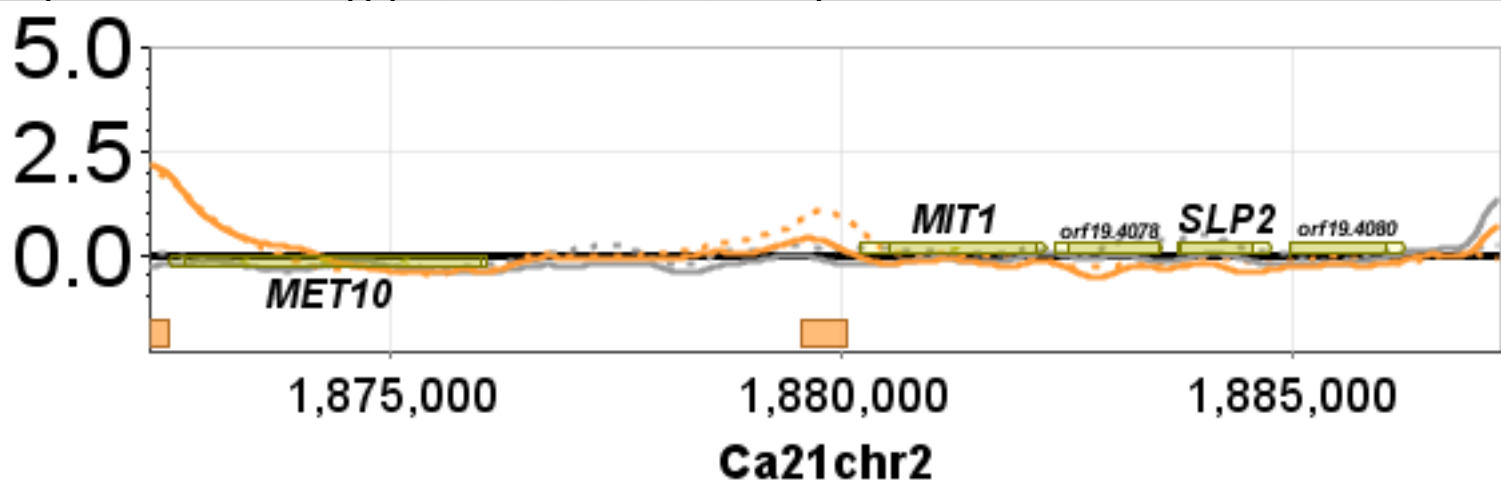
[1.067] Ca21chr2:1927028-1942027 [+] [orf19.1604, ntar_481, PMS1, orf19.1406, ntar_482]



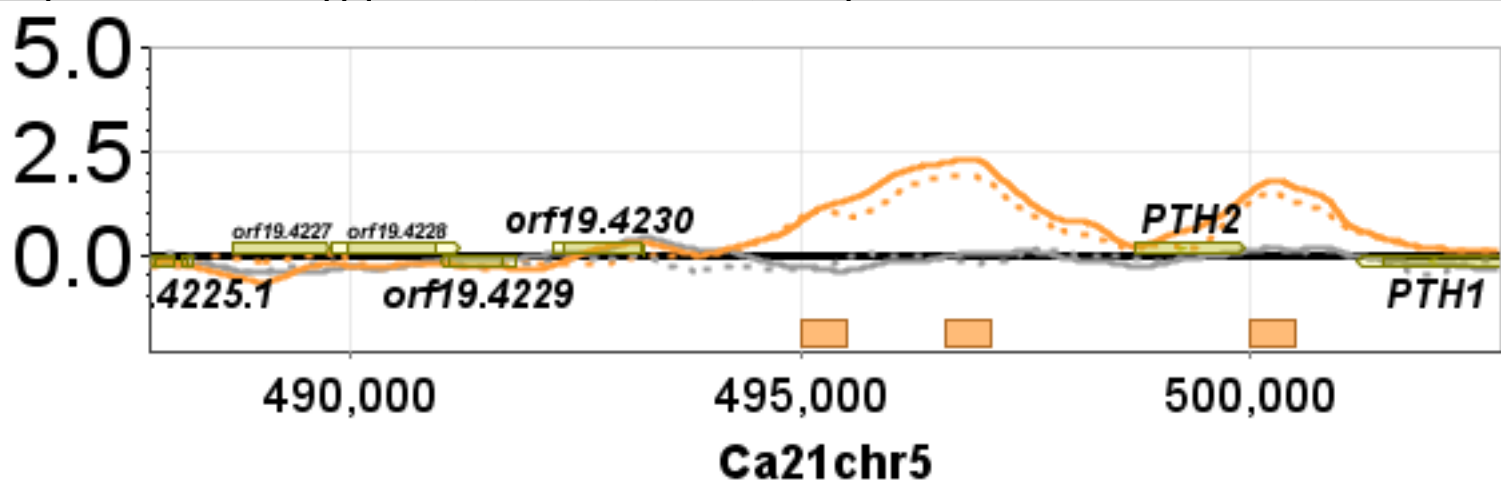
[1.06] Ca21chr2:365869-380868 [+] [ROD1, ntar_319, orf19.1510, ntar_318, orf19.1508]



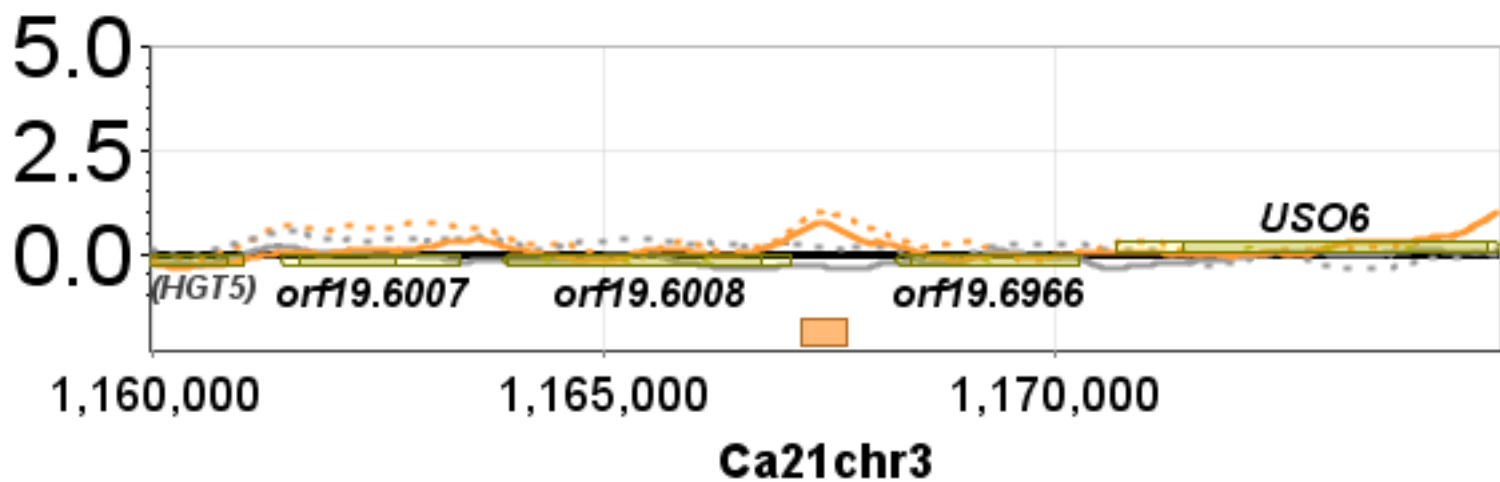
[1.057] Ca21chr2:1872306-1887305 [+] [MIT1, orf19.4078, MET10, SLP2, orf19.4080]



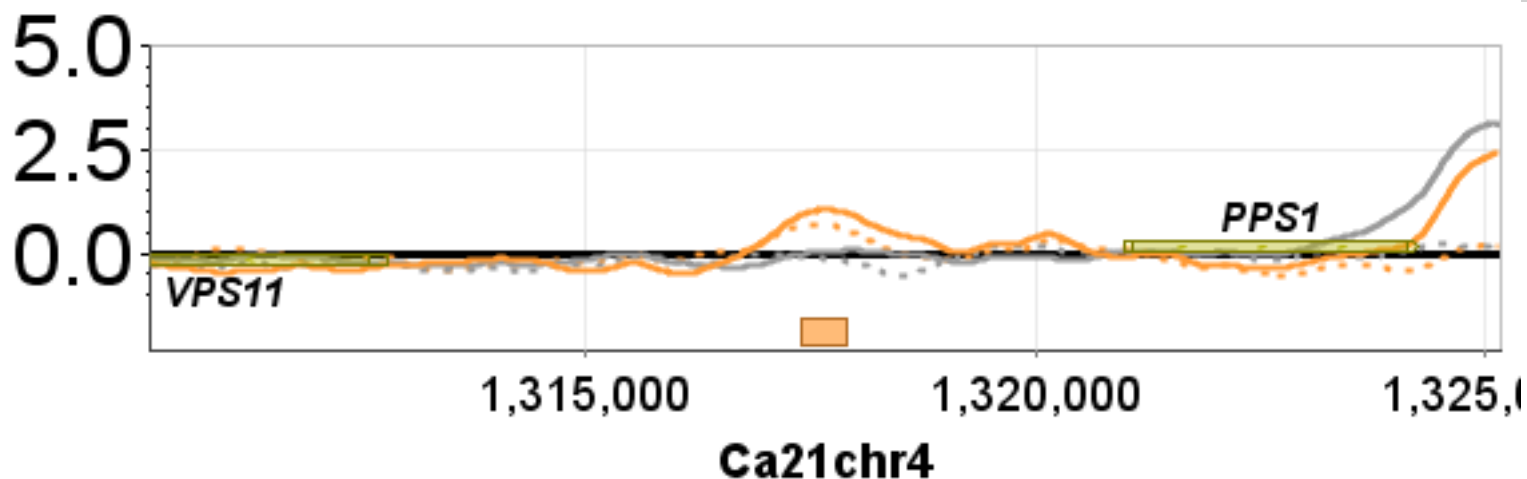
[1.057] Ca21chr5:487765-502764 [+] [orf19.4230, orf19.4229, PTH2, ntar_890, ntar_889]



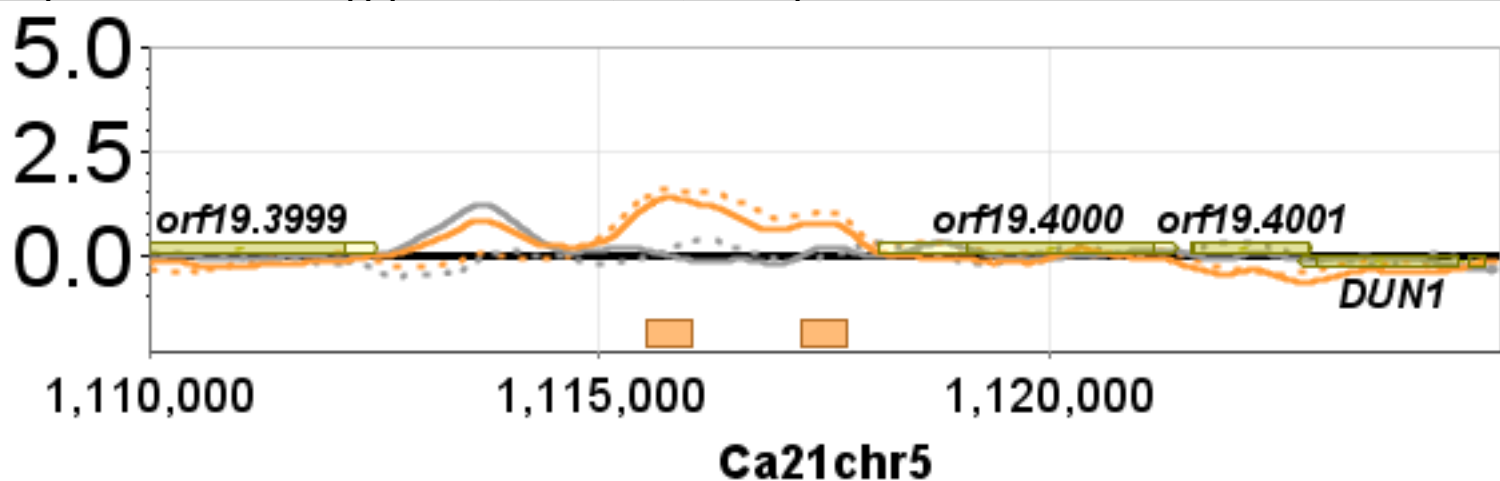
[1.052] Ca21chr3:1159951-1174950 [+] [orf19.6008, ntar_625, orf19.6966, USO6, ntar_624]



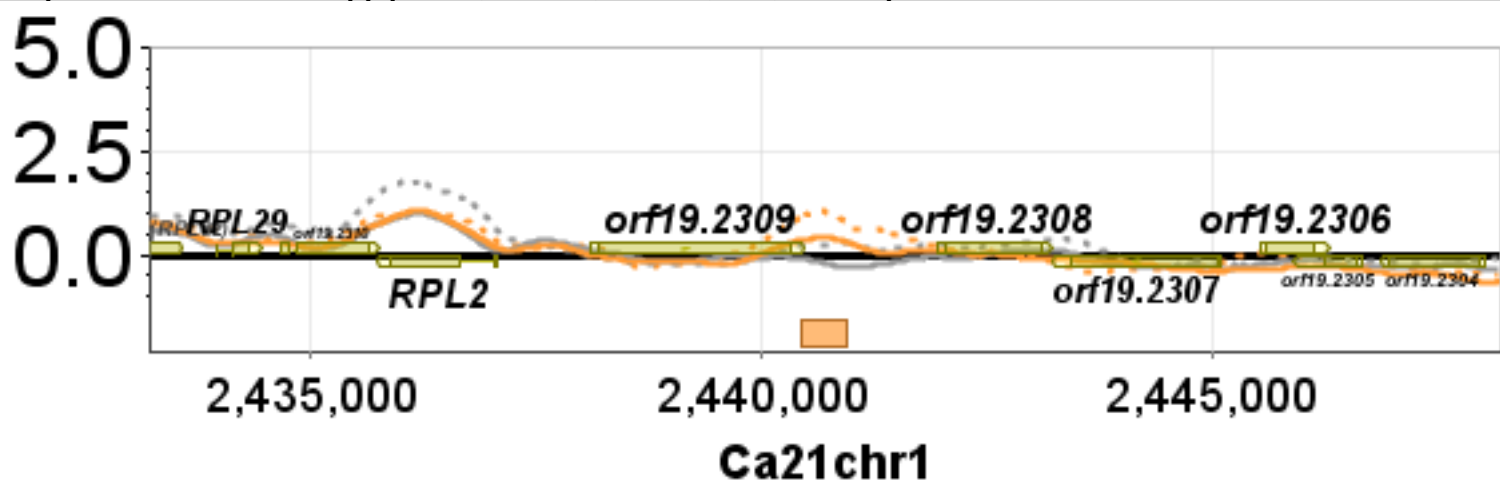
[1.051] Ca21chr4:1310156-1325155 [+] [PGA49, PPS1, ntar_823, VPS11, ntar_822]



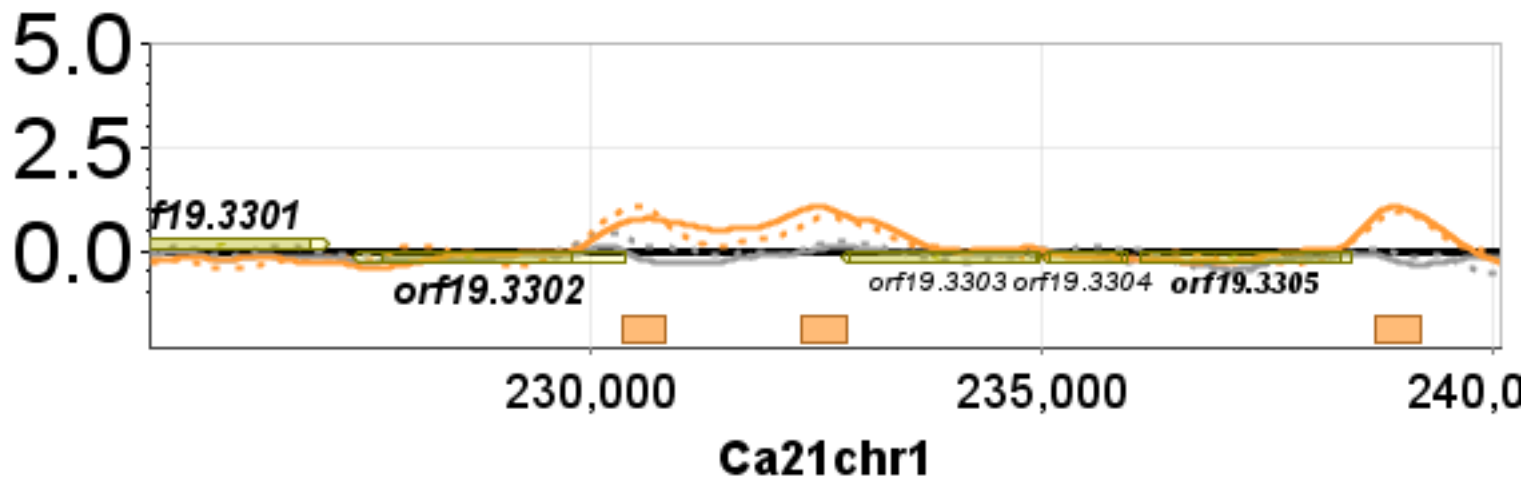
[1.049] Ca21chr5:1109997-1124996 [+] [orf19.4000, orf19.4001, DUN1, orf19.3999]



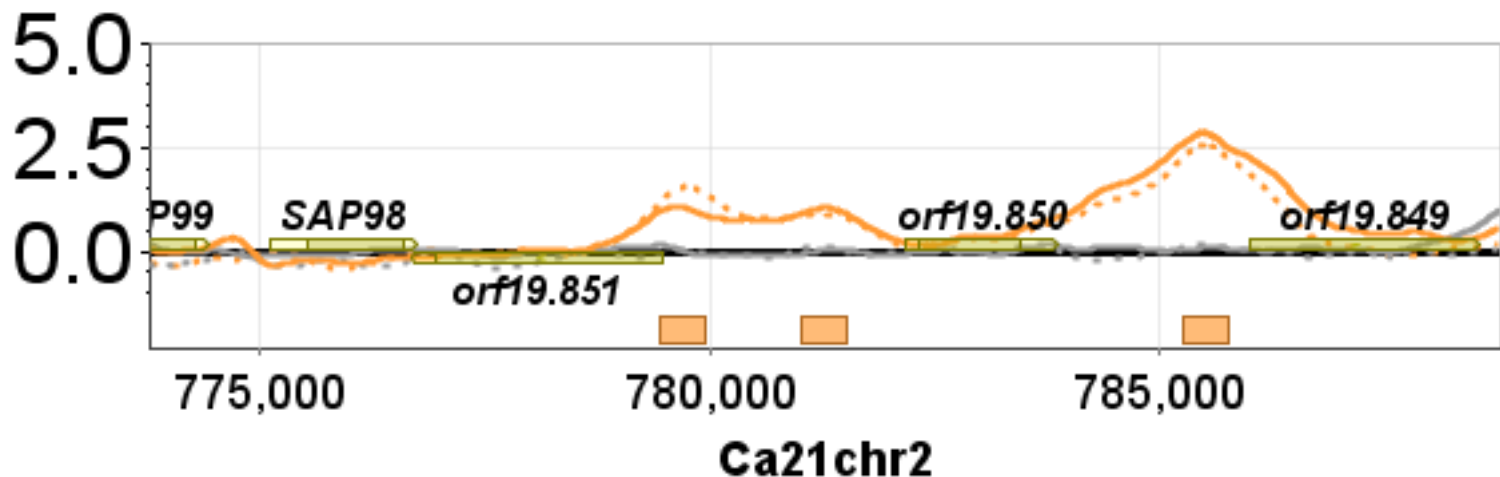
[1.048] Ca21chr1:2433197-2448196 [+] [ntar_229, orf19.2308, orf19.2309, RPL2, orf19.2307]



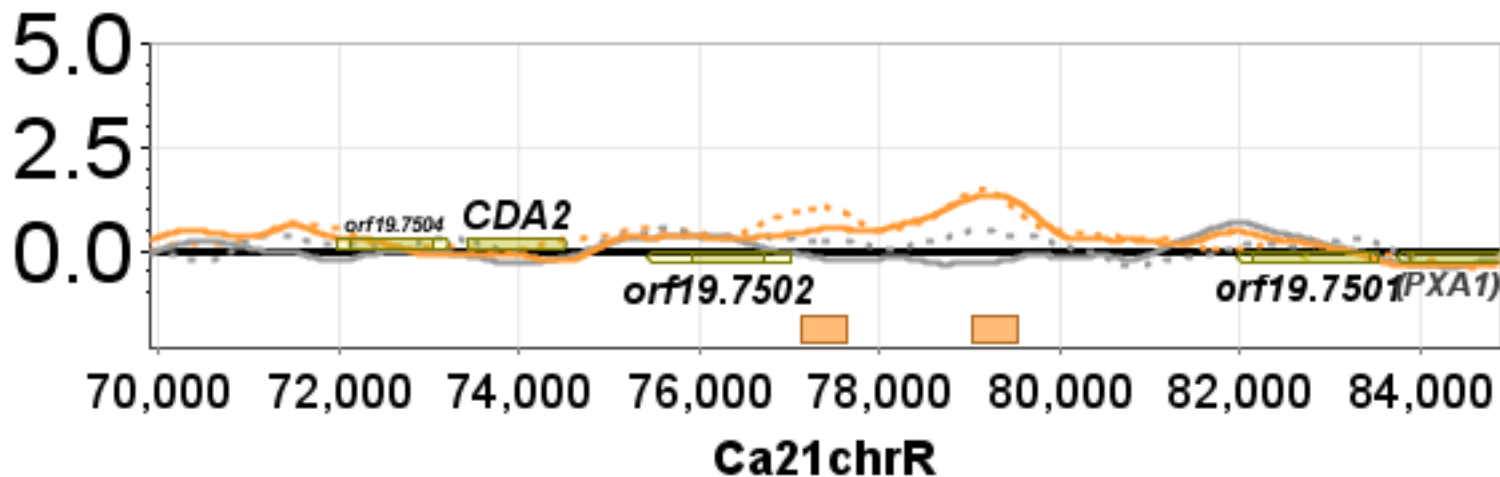
[1.047] Ca21chr1:225083-240082 [+] [ntar_19, ntar_20, ntar_18, orf19.3302, orf19.3303]



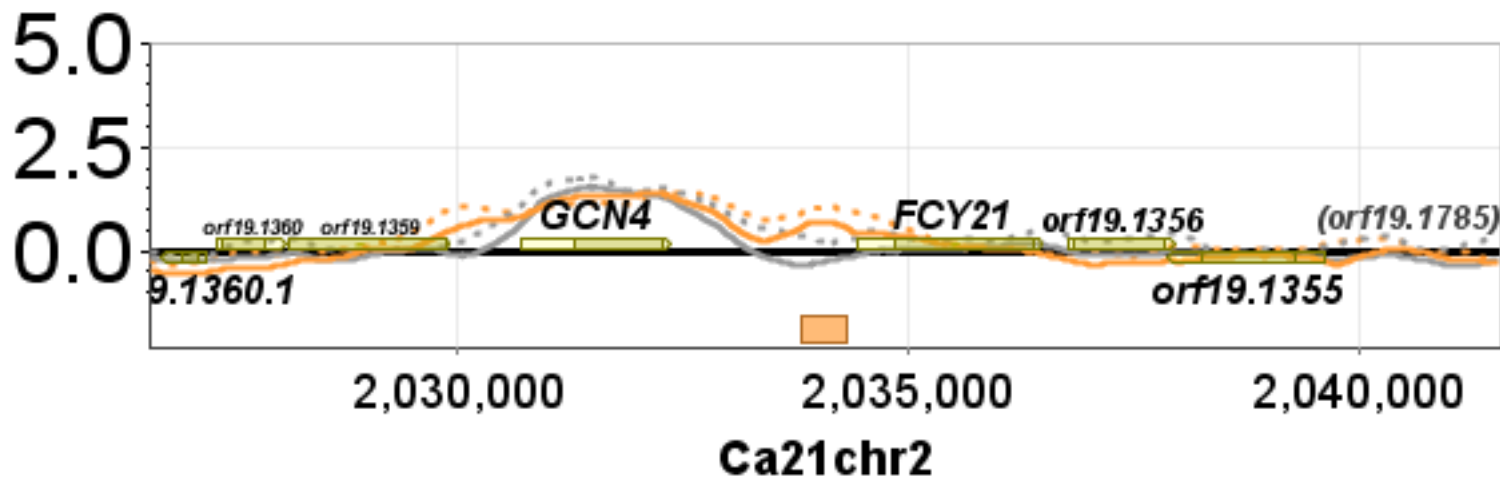
[1.045] Ca21chr2:773769-788768 [+] [orf19.850, orf19.851, orf19.849, SAP98, SAP99]



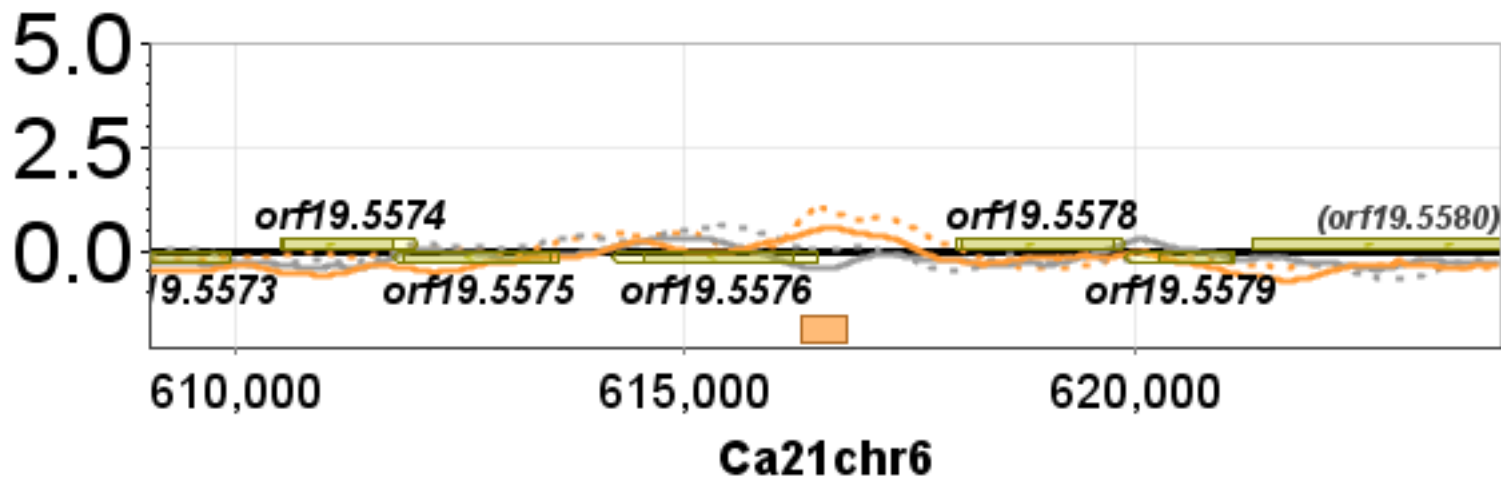
[1.045] Ca21chrR:69886-84885 [+] [orf19.7502, CDA2, orf19.7504, orf19.7501, PXA1]



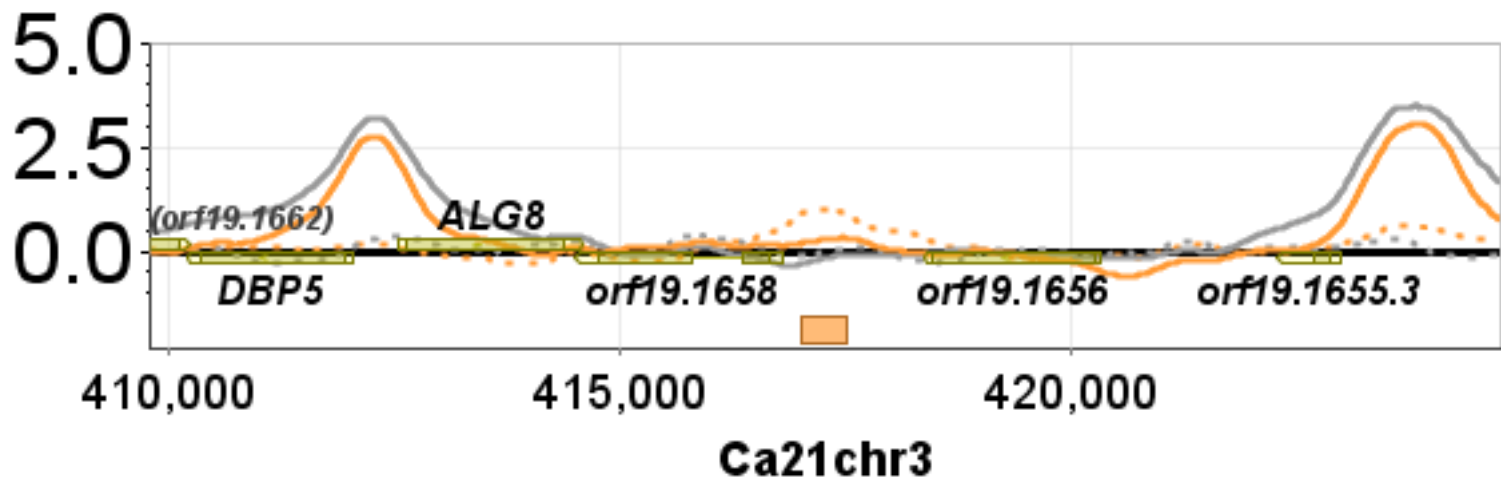
[1.043] Ca21chr2:2026571-2041570 [+] [FCY21, ntar_489, ntar_487, ntar_488, orf19.1356]



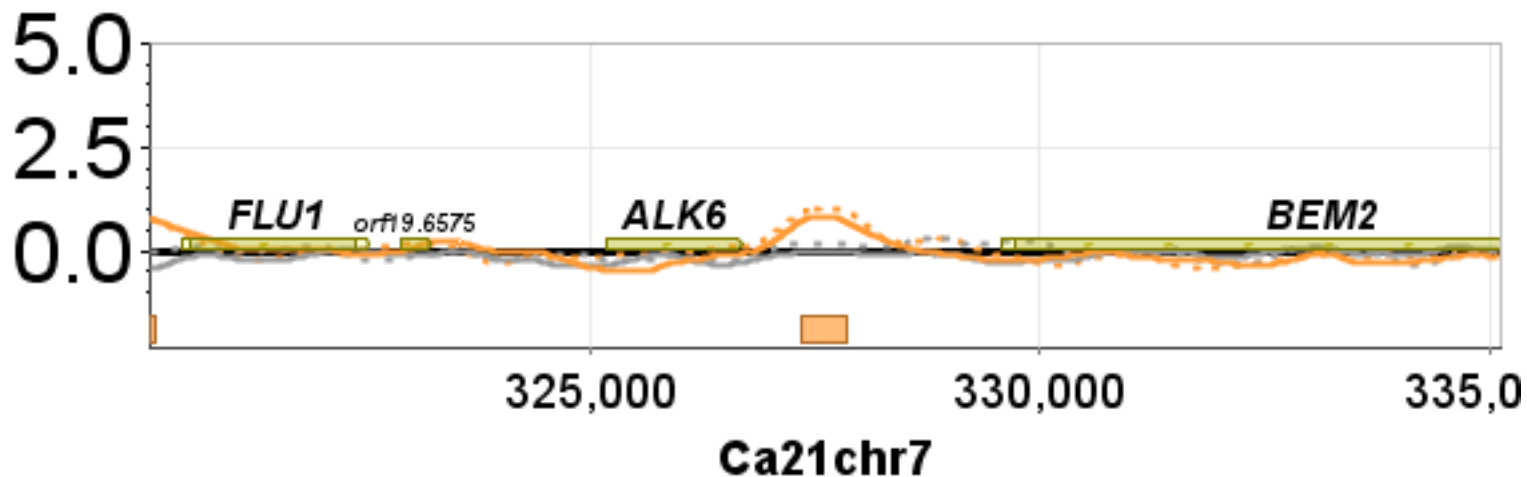
[1.042] Ca21chr6:609046-624045 [+] [orf19.5576, orf19.5578, orf19.5575, orf19.5579, orf19.5580]



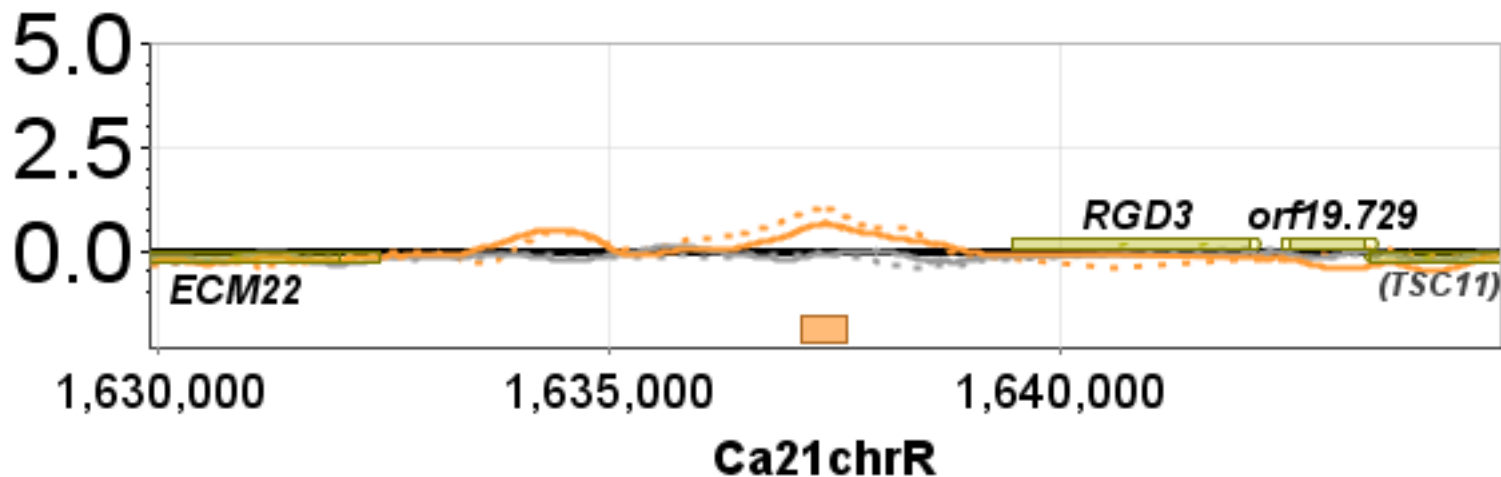
[1.035] Ca21chr3:409764-424763 [+] [orf19.1658, orf19.1656, ALG8, tk(uuu)1, DBP5]

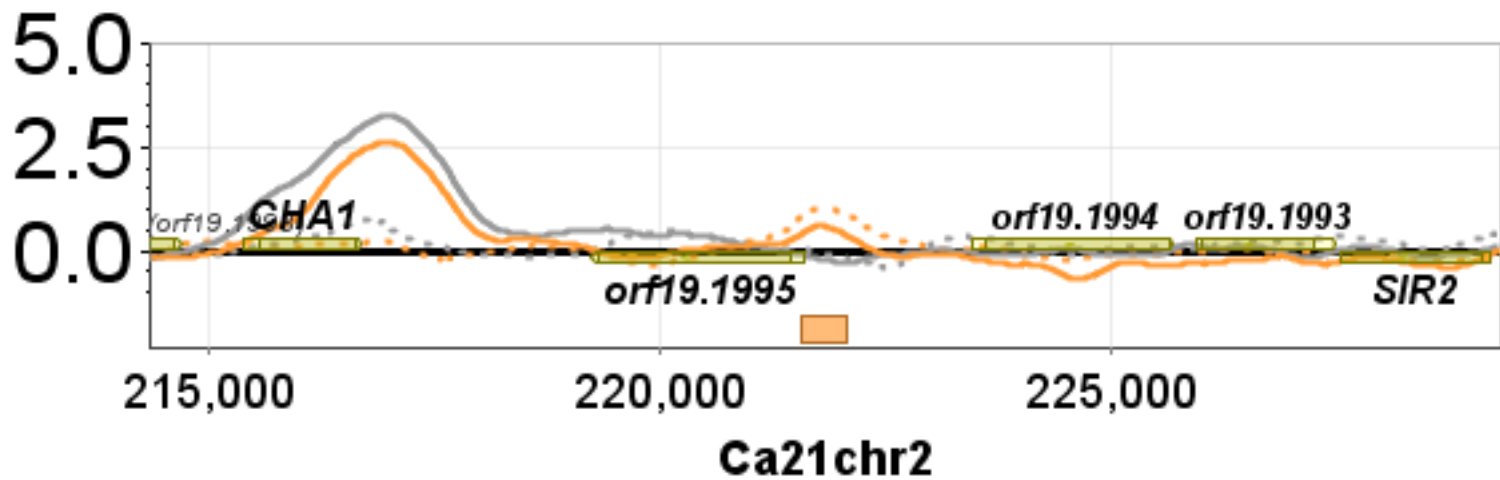
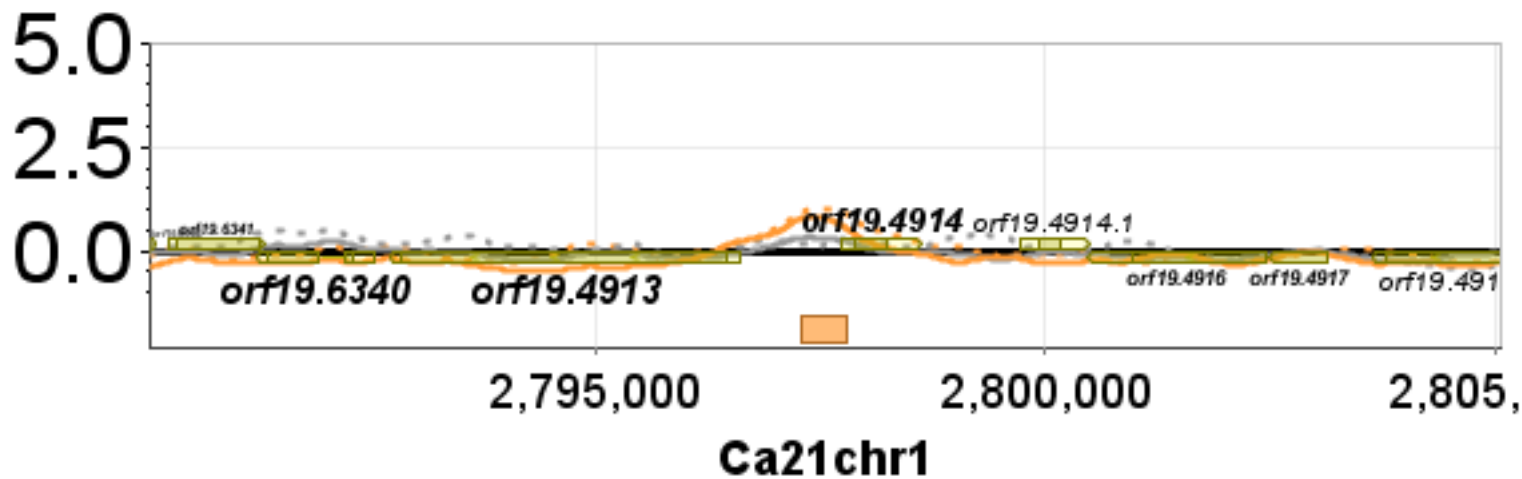
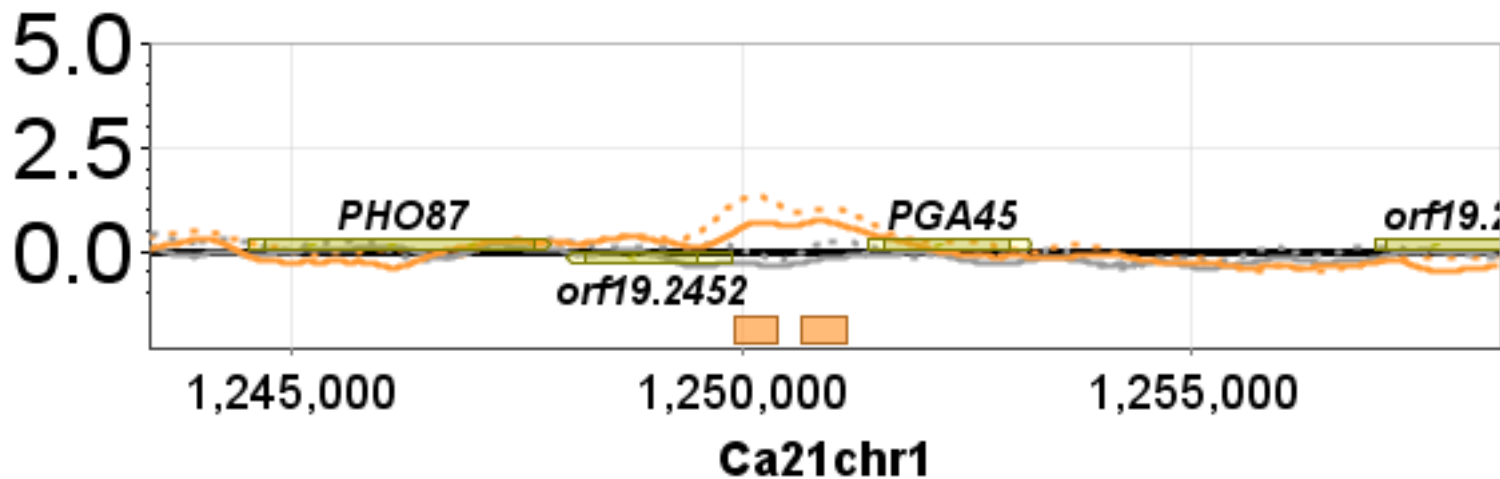
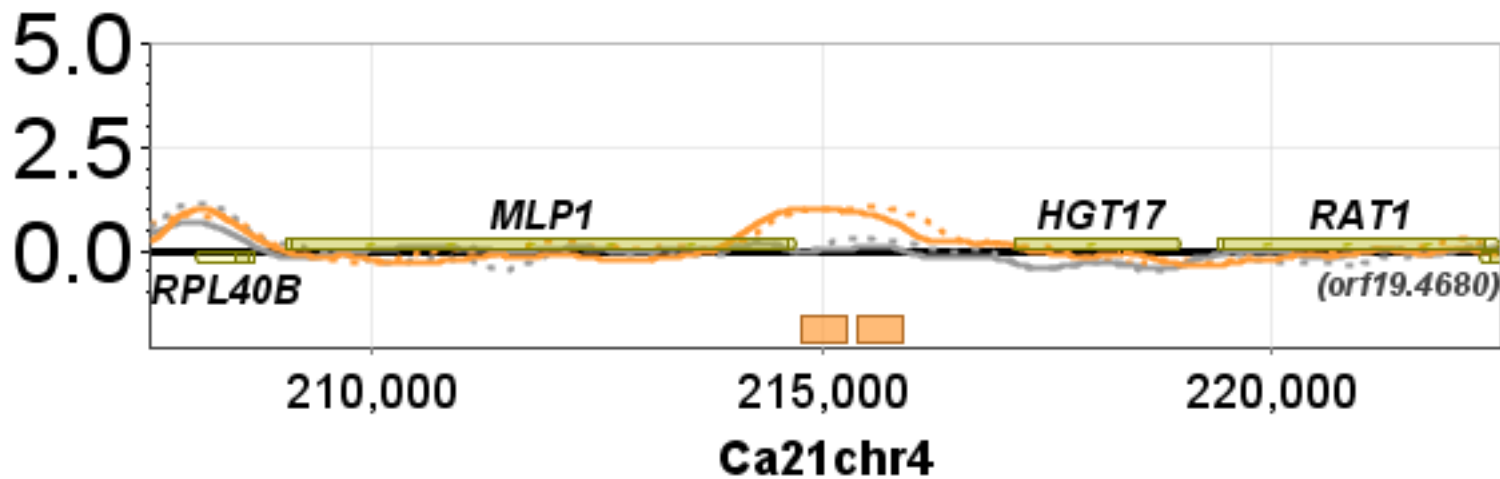


[1.035] Ca21chr7:320102-335101 [+] [ntar_1090, BEM2, ALK6, orf19.6575, ntar_1089]

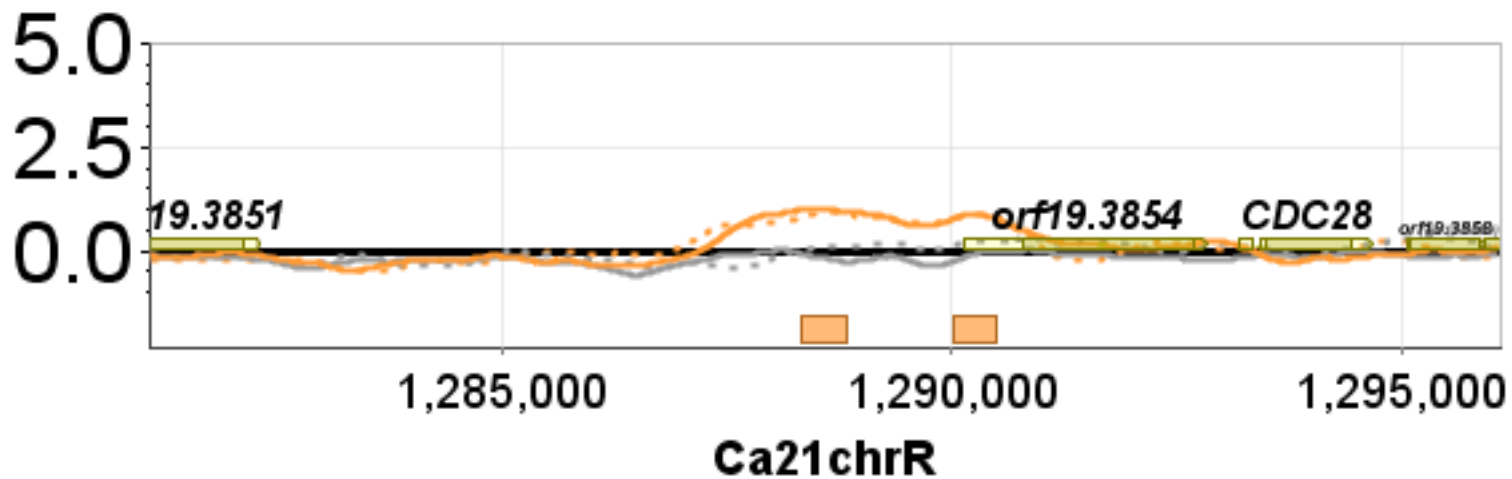


[1.034] Ca21chrR:1629887-1644886 [+] [orf19.2625, orf19.2624, RGD3, ECM22, orf19.729]

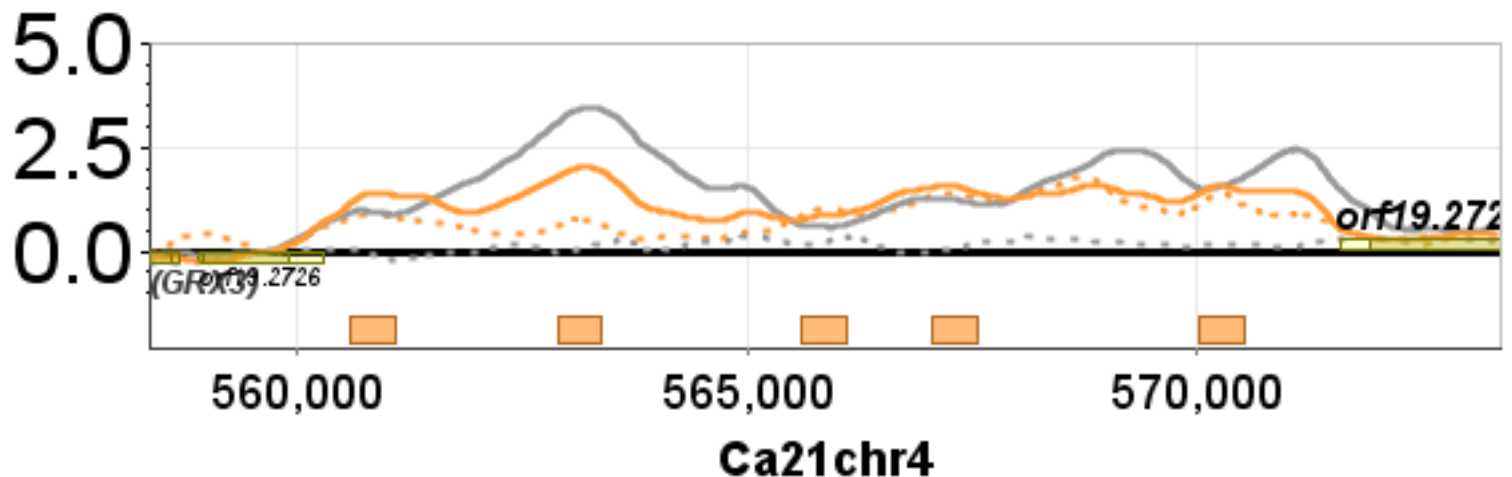




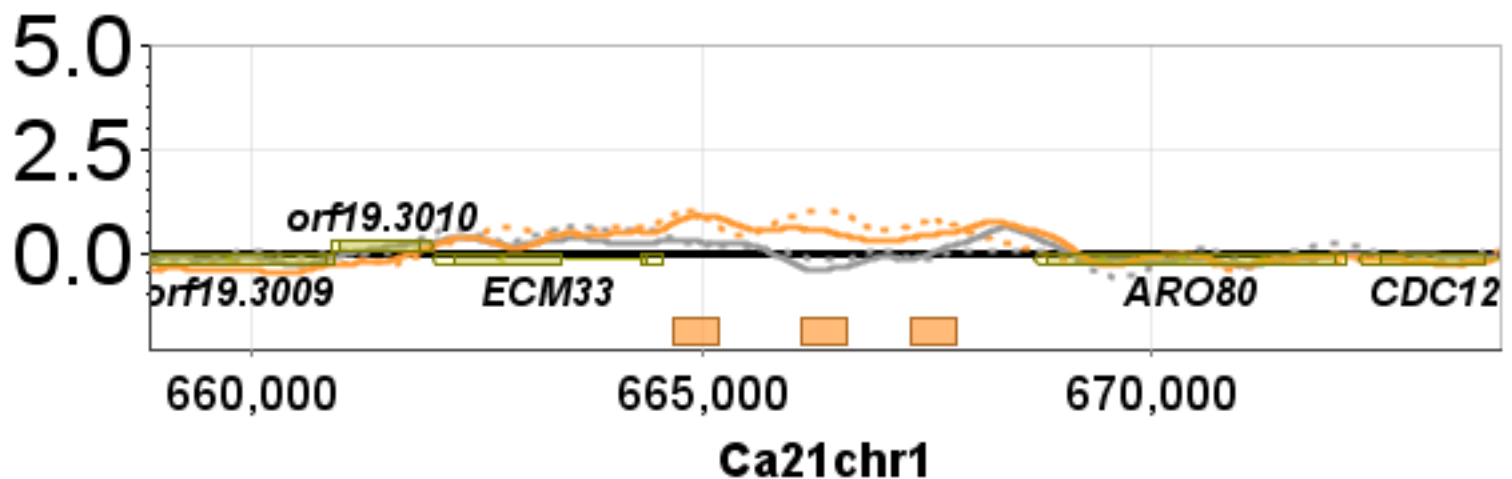
[1.025] Ca21chrR:1281085-1296084 [+] [orf19.3854, orf19.3852, CDC28, ntar_1295, orf19.3858]



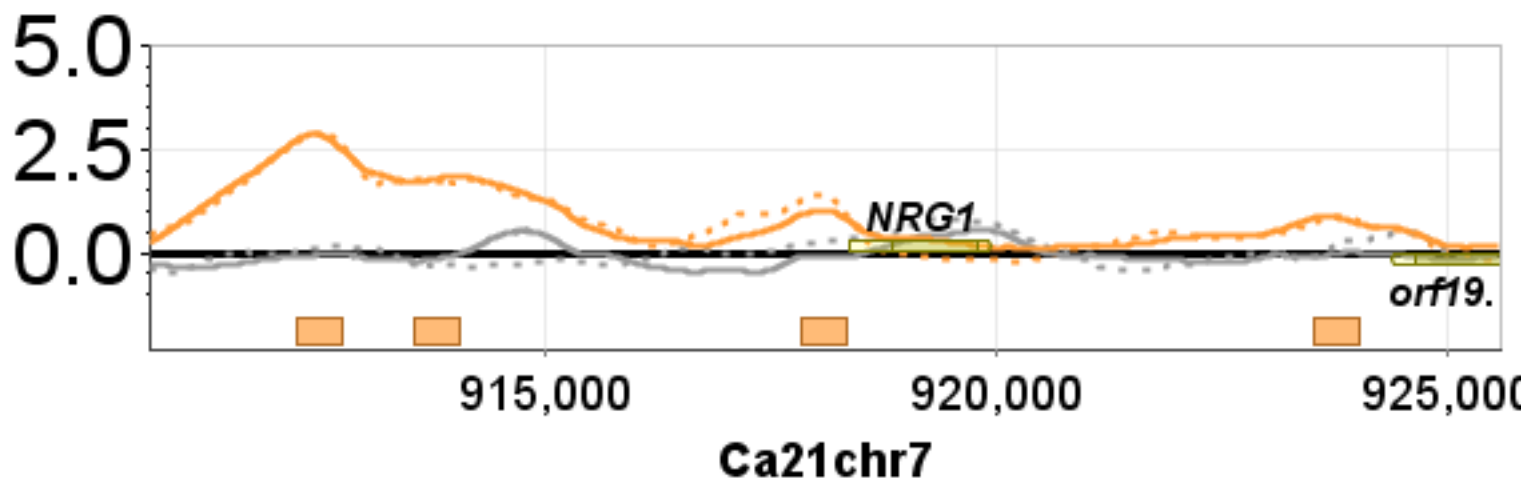
[1.019] Ca21chr4:558351-573350 [+] [orf19.2725, orf19.2726, orf19.2724, ntar_769, GRX3]



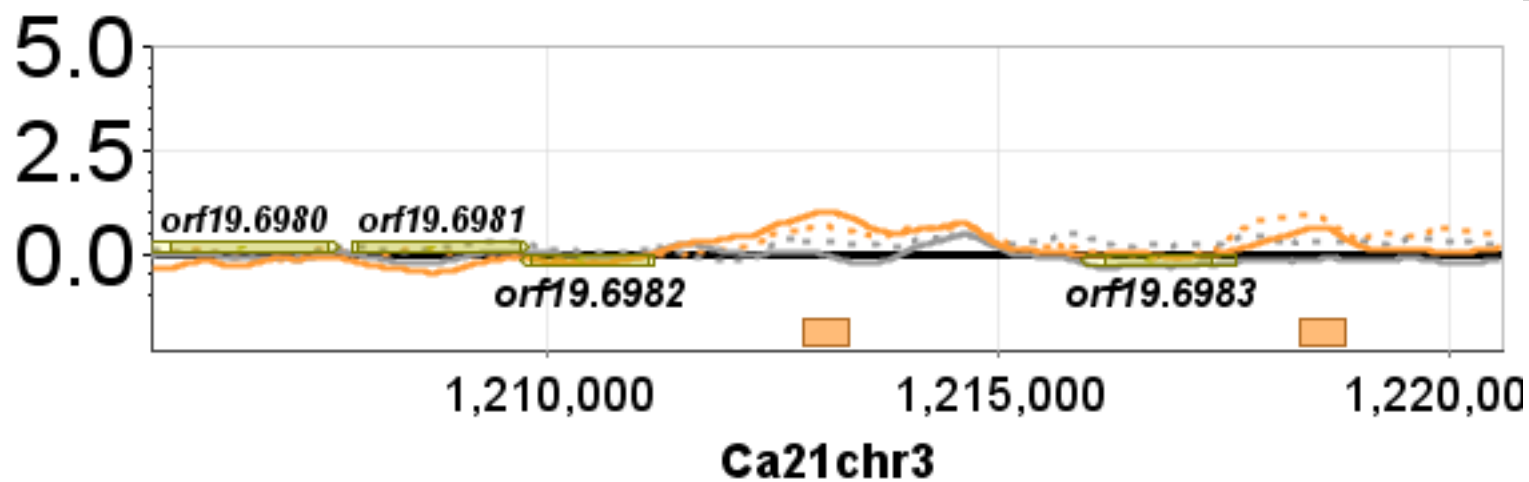
[1.014] Ca21chr1:658860-673859 [+] [ECM33, ntar_67, orf19.3009, orf19.3010, ARO80]



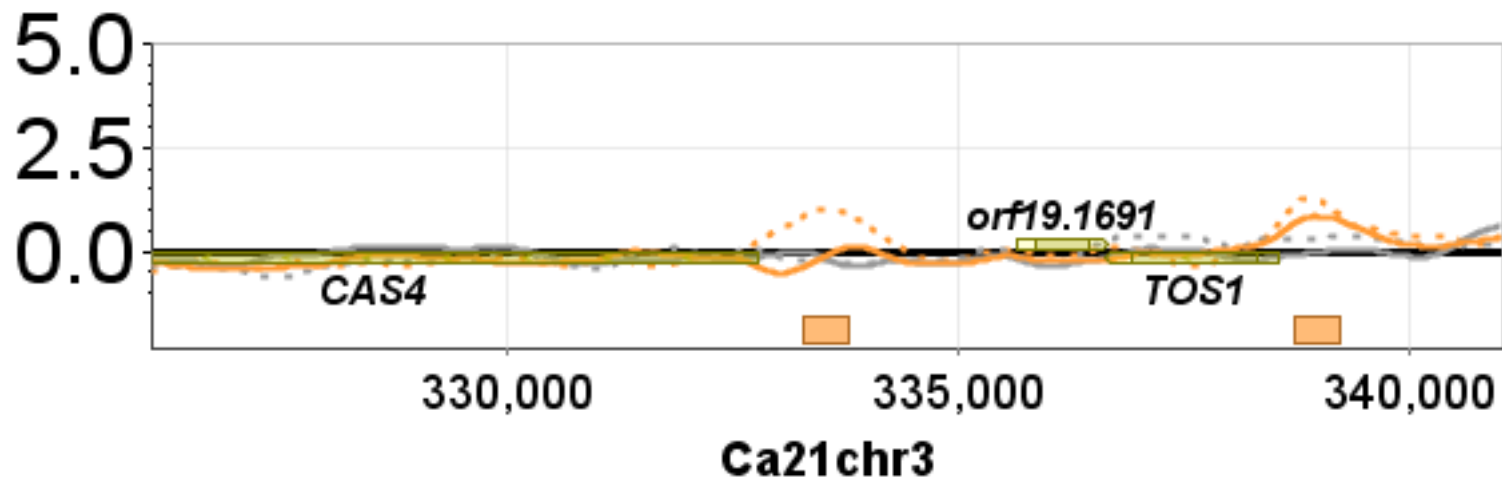
[1.013] Ca21chr7:910587-925586 [+] [NRG1, ntar_1153, orf19.7151, ntar_1152, ntar_1151]



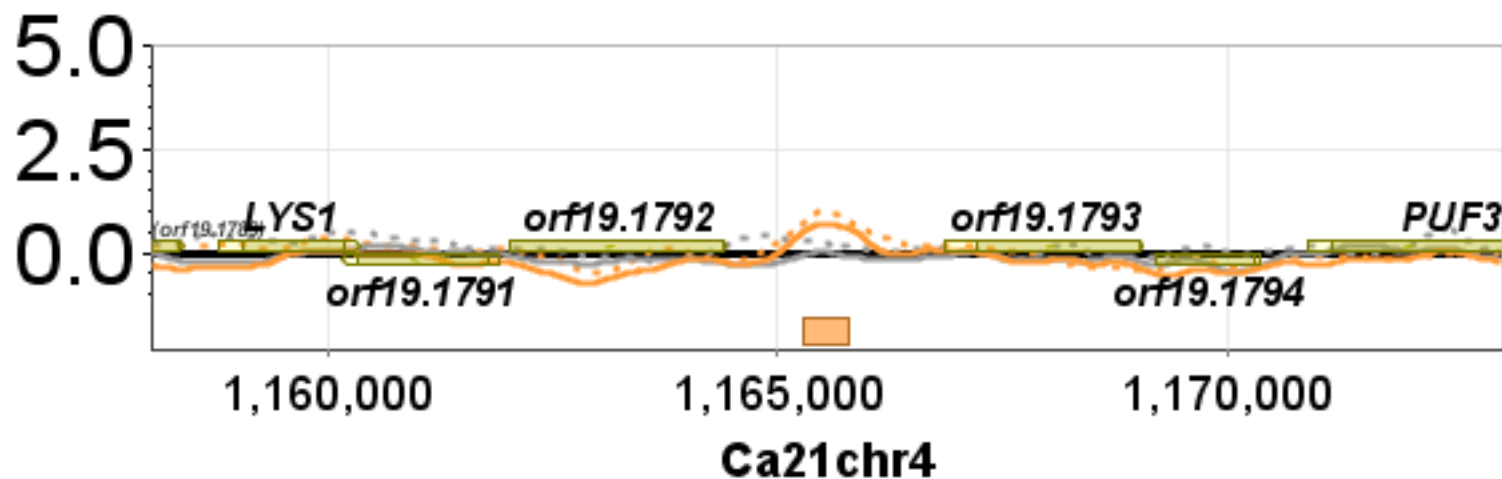
[1.009] Ca21chr3:1205587-1220586 [+] [orf19.6982, ntar_632, orf19.6983, orf19.6981, orf19.6980]



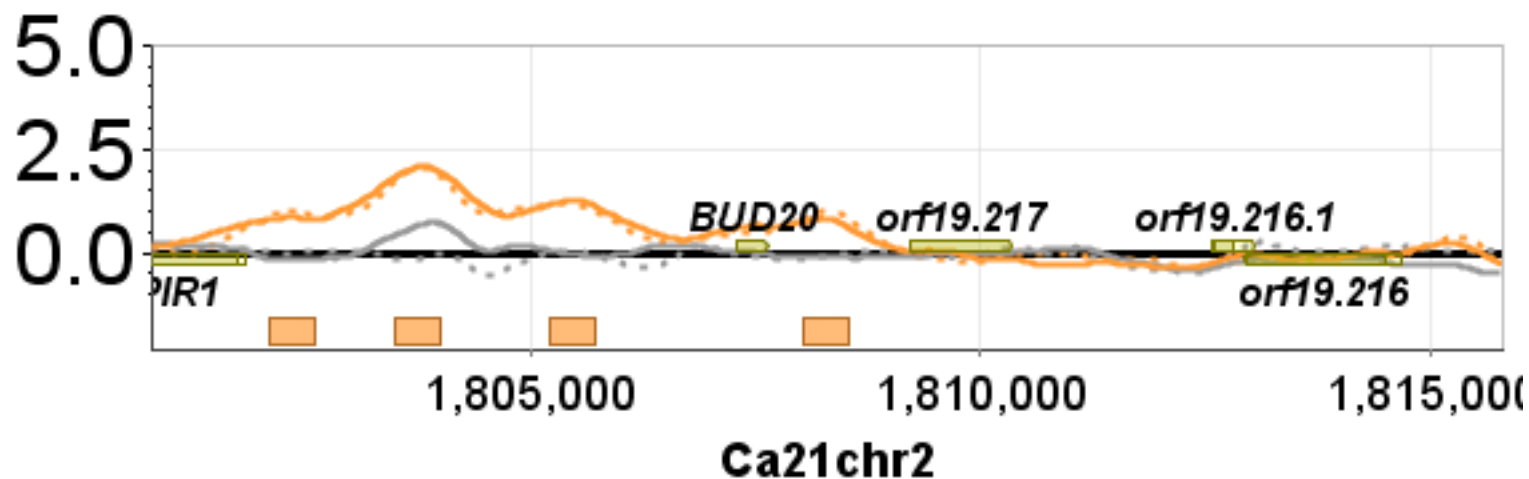
[1.008] Ca21chr3:326037-341036 [+] [ntar_553, ntar_552, CAS4, orf19.1691, TOS1]



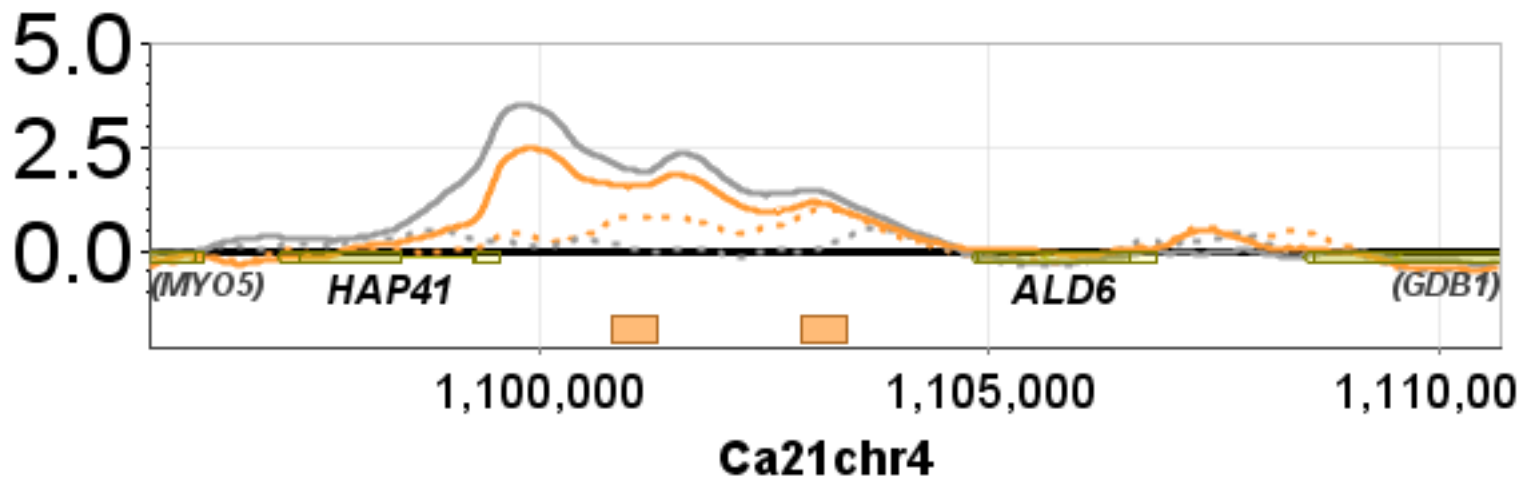
[1.008] Ca21chr4:1158041-1173040 [+] [ntar_812, ntar_811, orf19.1793, orf19.1792, orf19.1791]



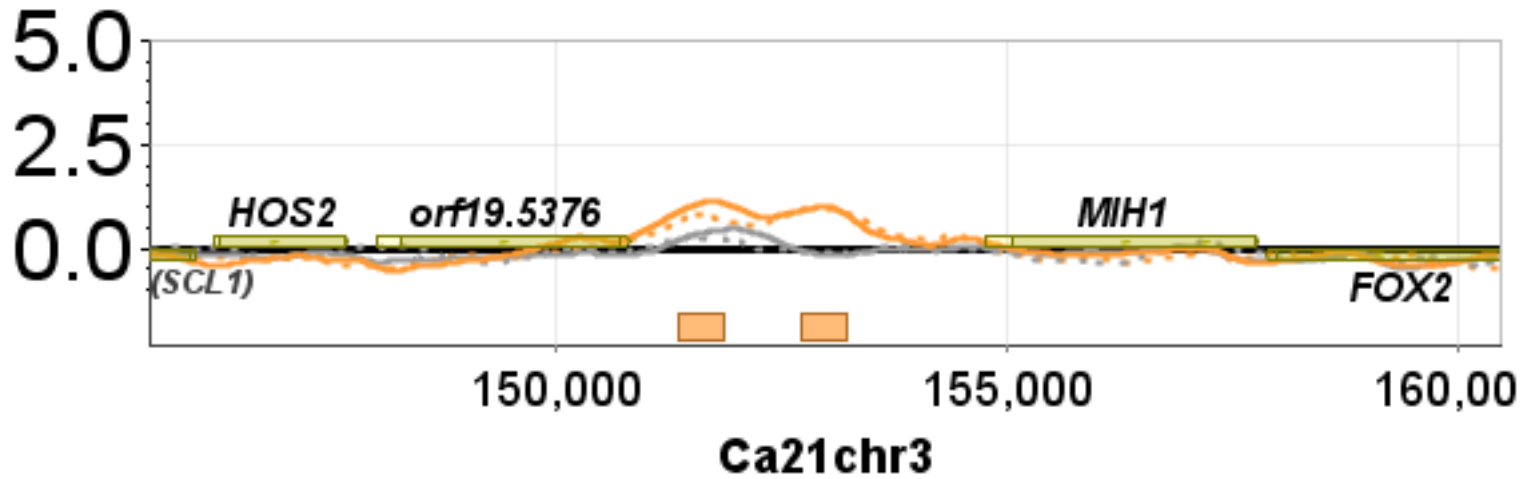
[1.007] Ca21chr2:1800785-1815784 [+] [orf19.217, BUD20, orf19.216.1, orf19.216, PIR1]



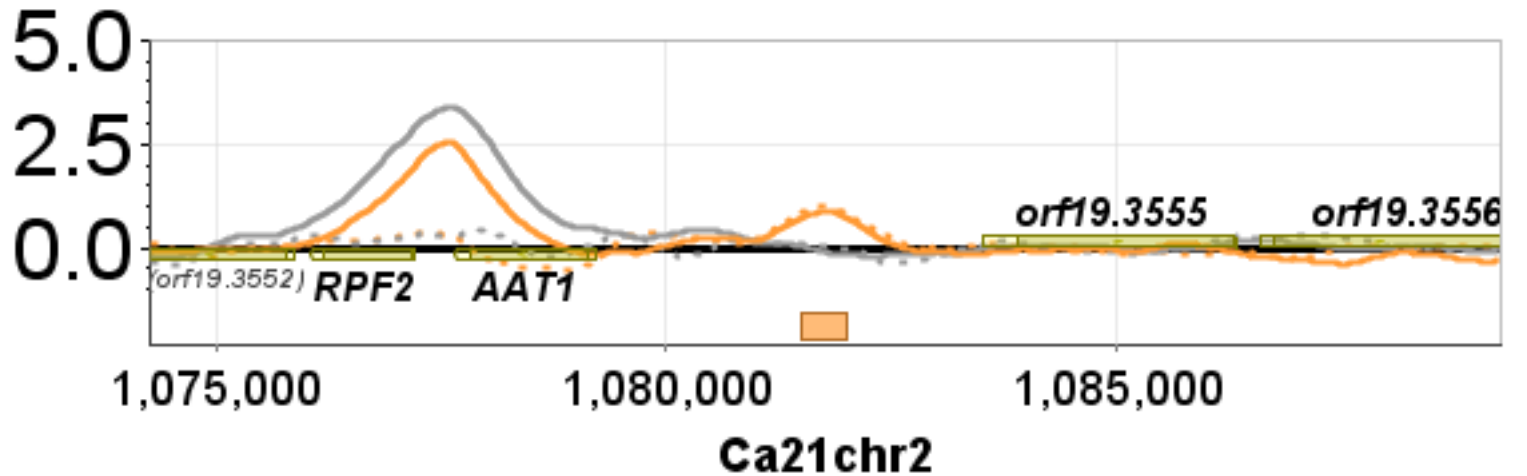
[1.007] Ca21chr4:1095672-1110671 [+] [ntar_807, ntar_808, ntar_806, orf19.741, ntar_804]



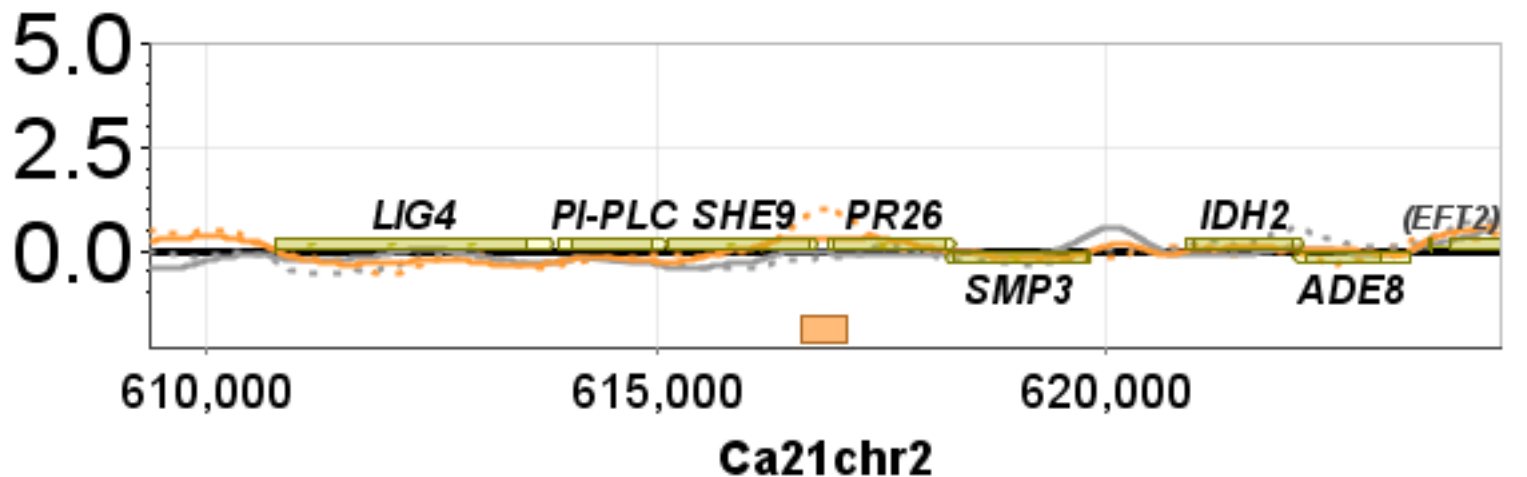
[1.005] Ca21chr3:145467-160466 [+] [ntar_535, ntar_536, MIH1, orf19.5376, HOS2]



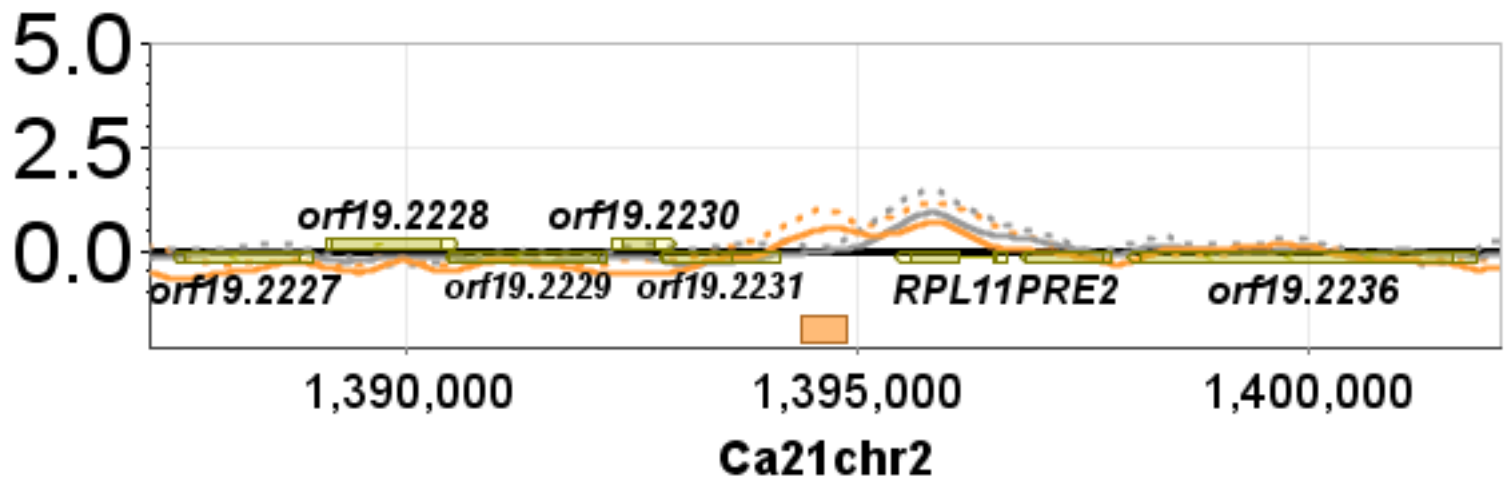
[1.001] Ca21chr2:1074253-1089252 [+] [ntar_391, ntar_390, orf19.3555, AAT1, tq(uug)3]



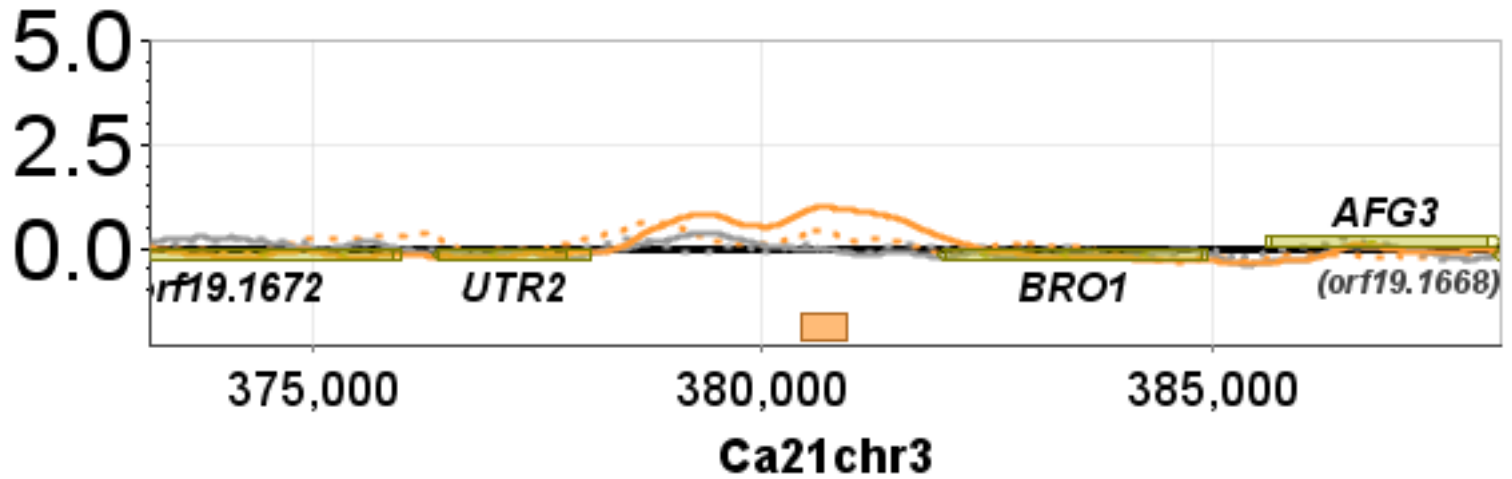
[1.0] Ca21chr2:609359-624358 [+] [PR26, SHE9, PI-PLC, SMP3, IDH2]



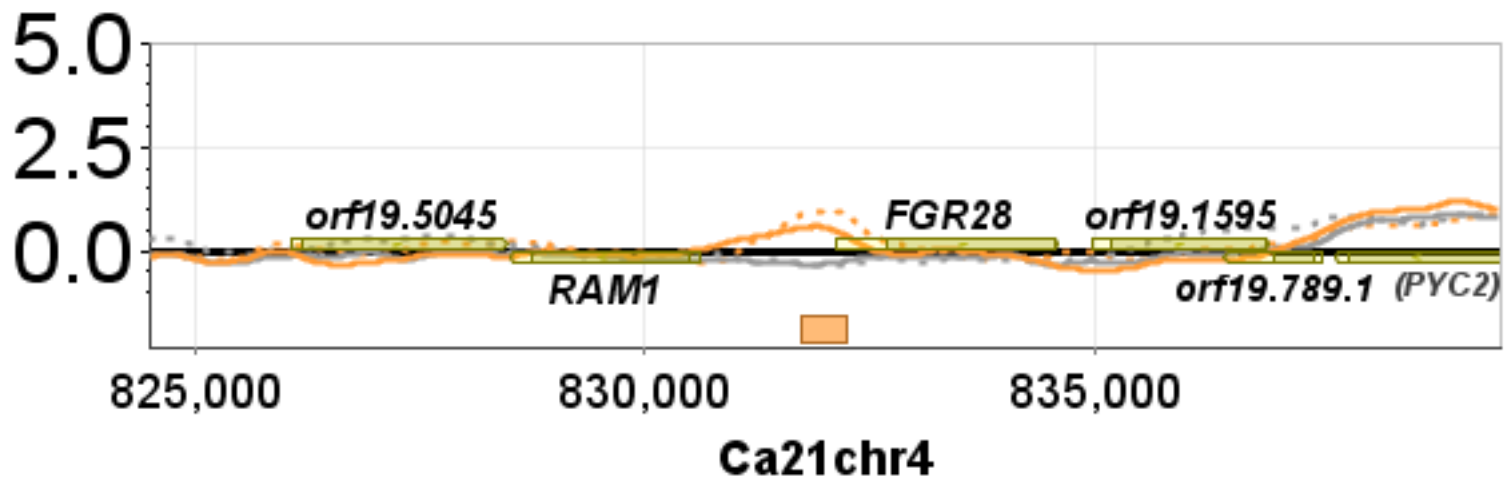
[0.994] Ca21chr2:1387134-1402133 [+] [ntar_424, orf19.2231, RPL11, orf19.2230, orf19.2229]



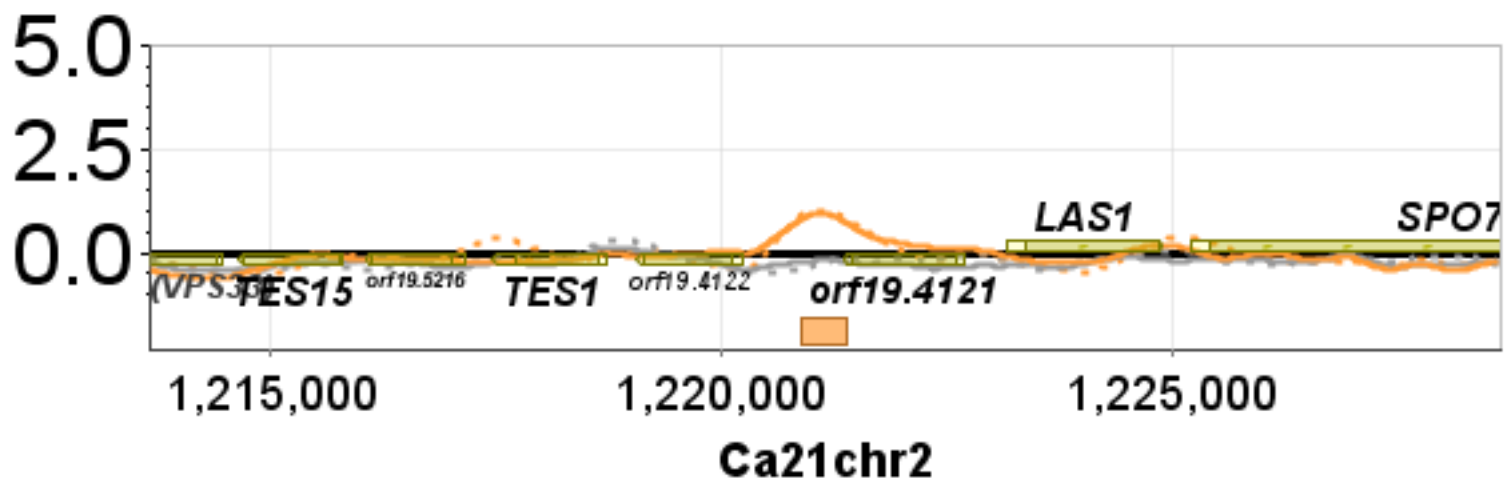
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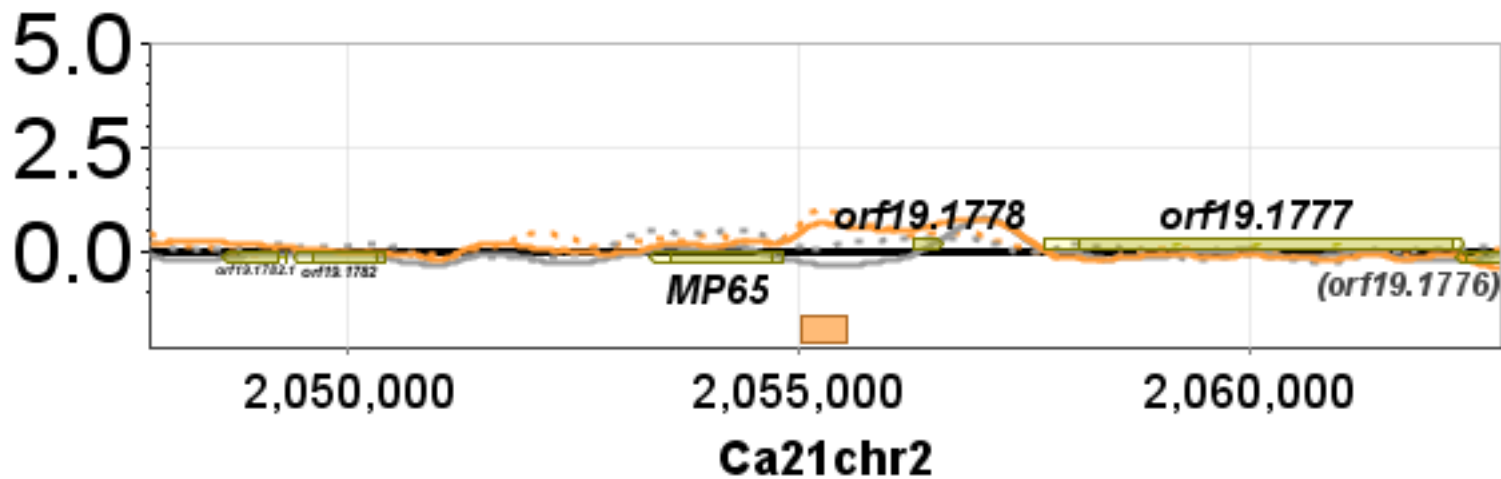
[0.994] Ca21chr4:824495-839494 [+] [FGR28, ntar_787, RAM1, orf19.1595, ntar_786]



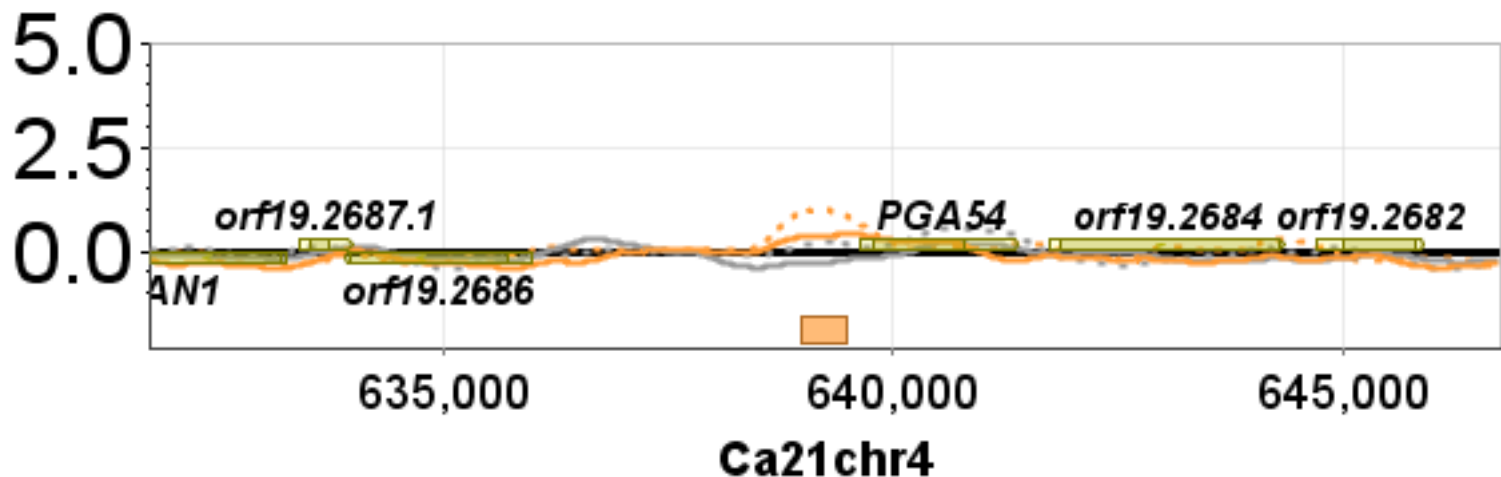
[0.993] Ca21chr2:1213645-1228644 [+] [orf19.4122, orf19.4121, LAS1, TES1, orf19.5216]



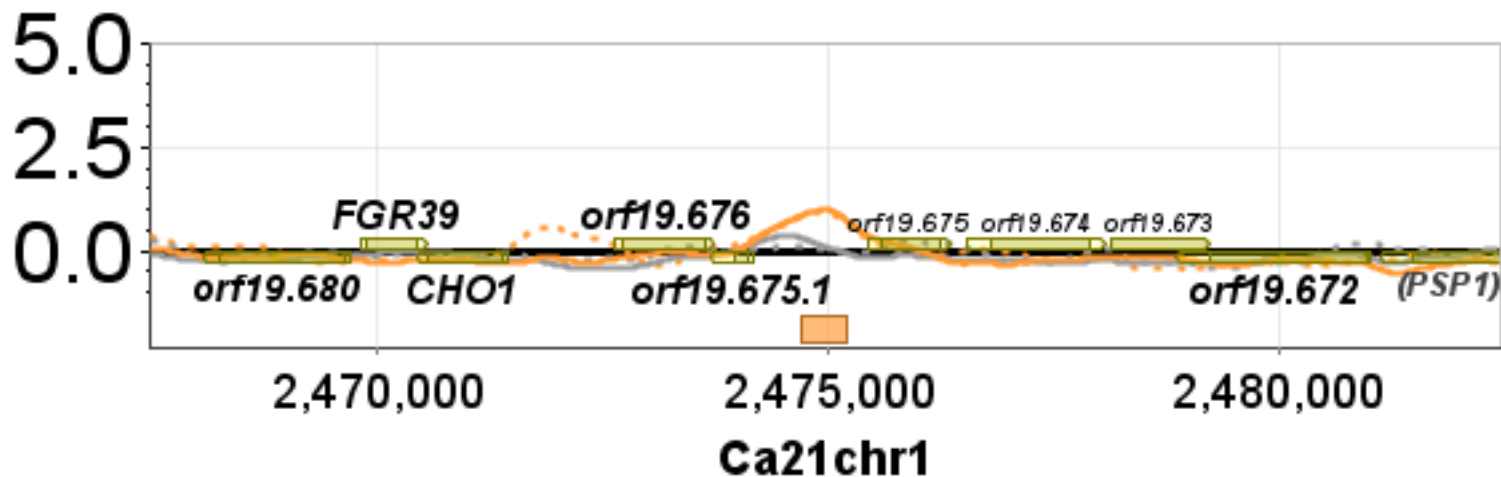
[0.992] Ca21chr2:2047785-2062784 [+] [MP65, orf19.1778, orf19.1777, orf19.1780, orf19.1782]



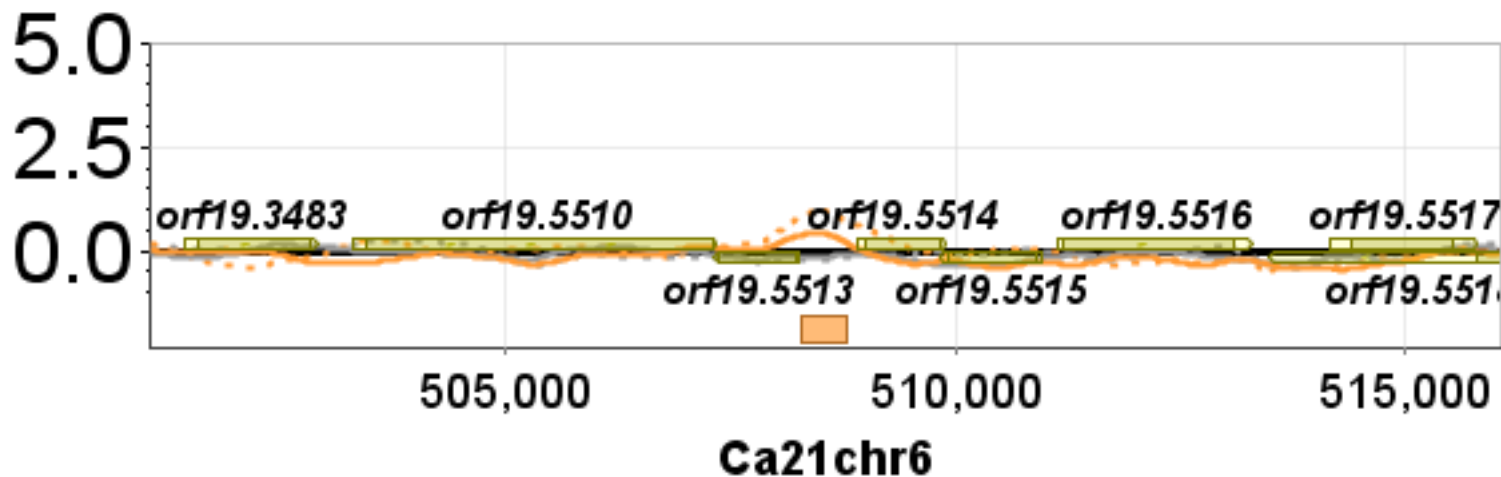
[0.989] Ca21chr4:631733-646732 [+] [PGA54, ntar_775, orf19.2684, ntar_774, ntar_773]



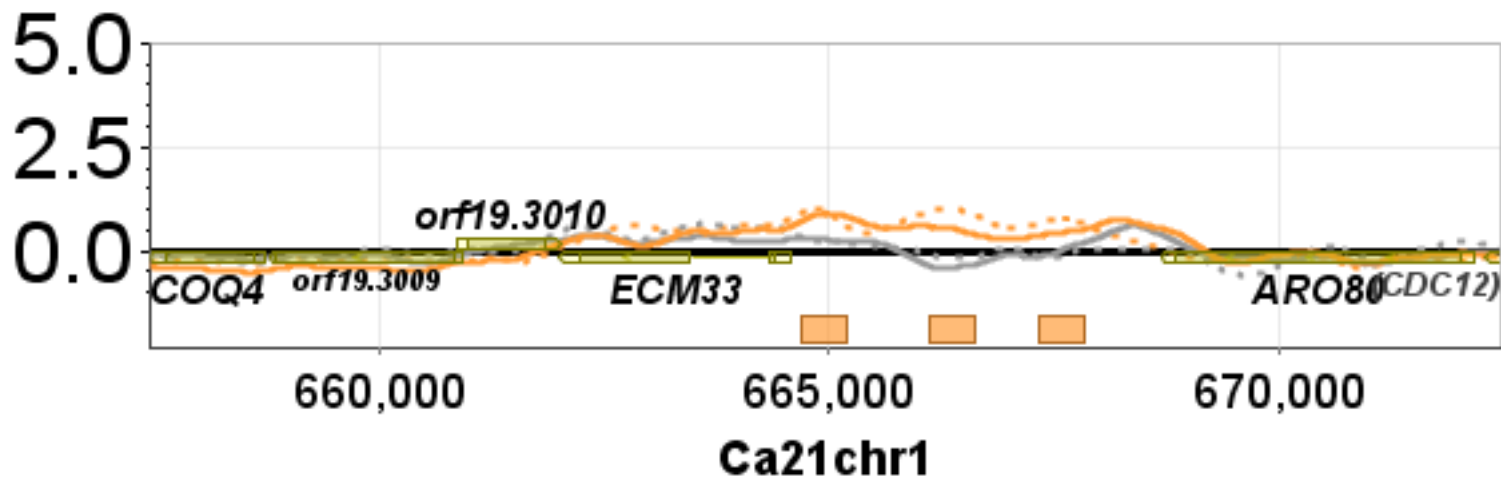
[0.987] Ca21chr1:2467452-2482451 [+] [ntar_233, orf19.675, orf19.675.1, orf19.674, orf19.676]



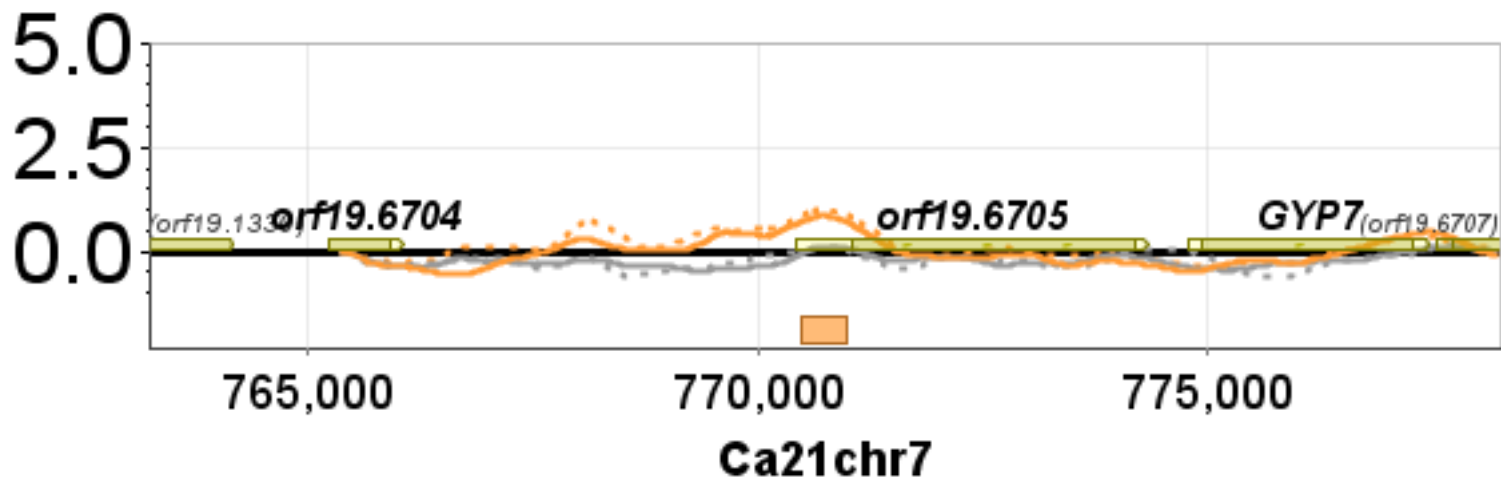
[0.987] Ca21chr6:501047-516046 [+] [orf19.5513, orf19.5514, orf19.5515, orf19.5516, orf19.5510]



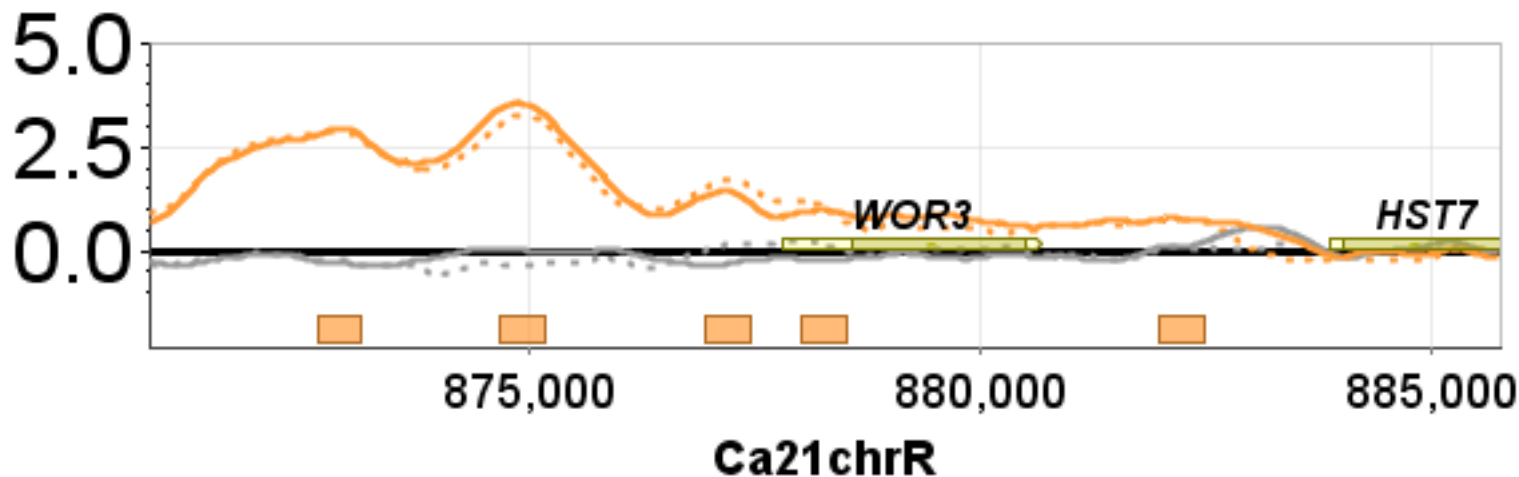
[0.985] Ca21chr1:657447-672446 [+] [ECM33, ntar_67, orf19.3009, orf19.3010, COQ4]



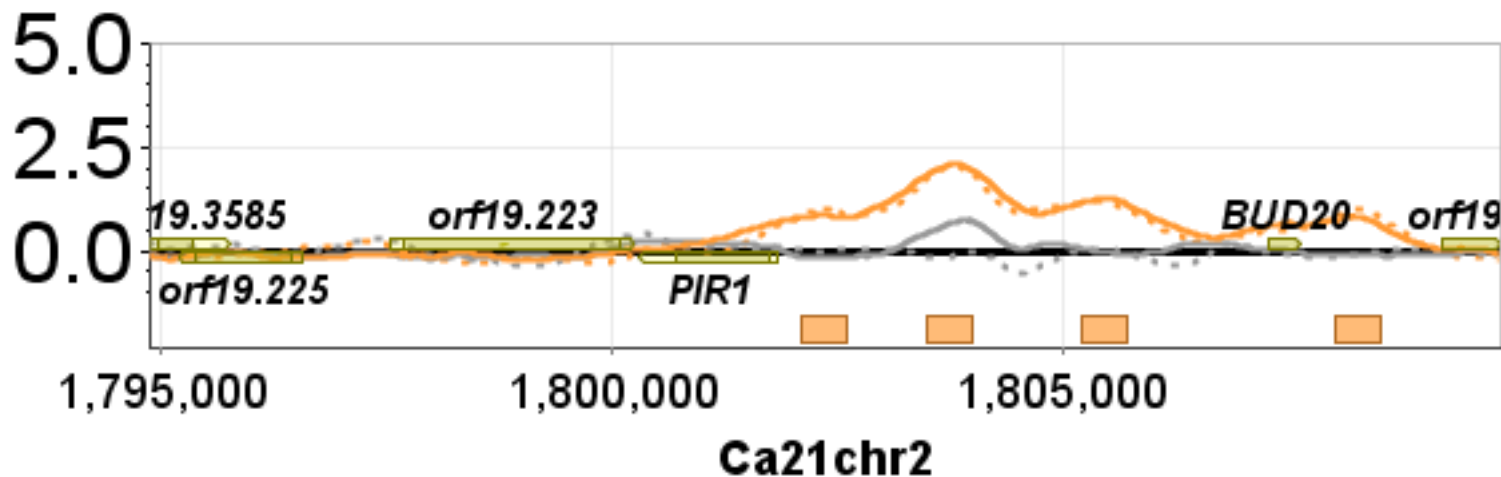
[0.985] Ca21chr7:763233-778232 [+] [orf19.6705, GYP7, orf19.6704, ntar_1141, orf19.6707]



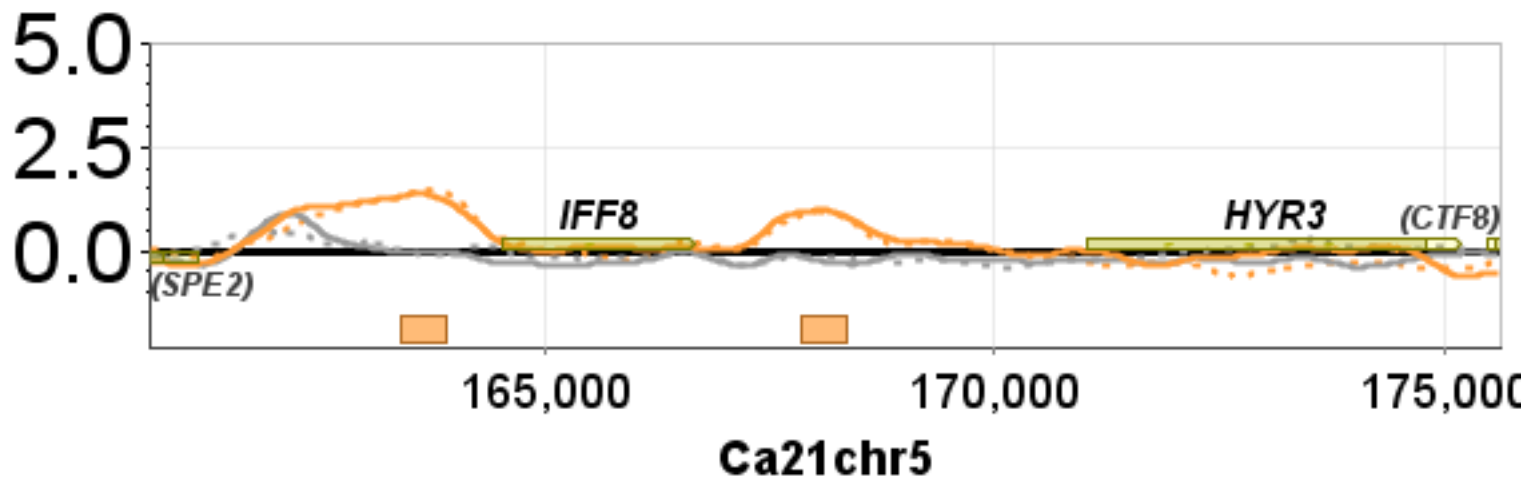
[0.984] Ca21chrR:870764-885763 [+] [orf19.467, ntar_1253, ntar_1254, ntar_1255, HST7]



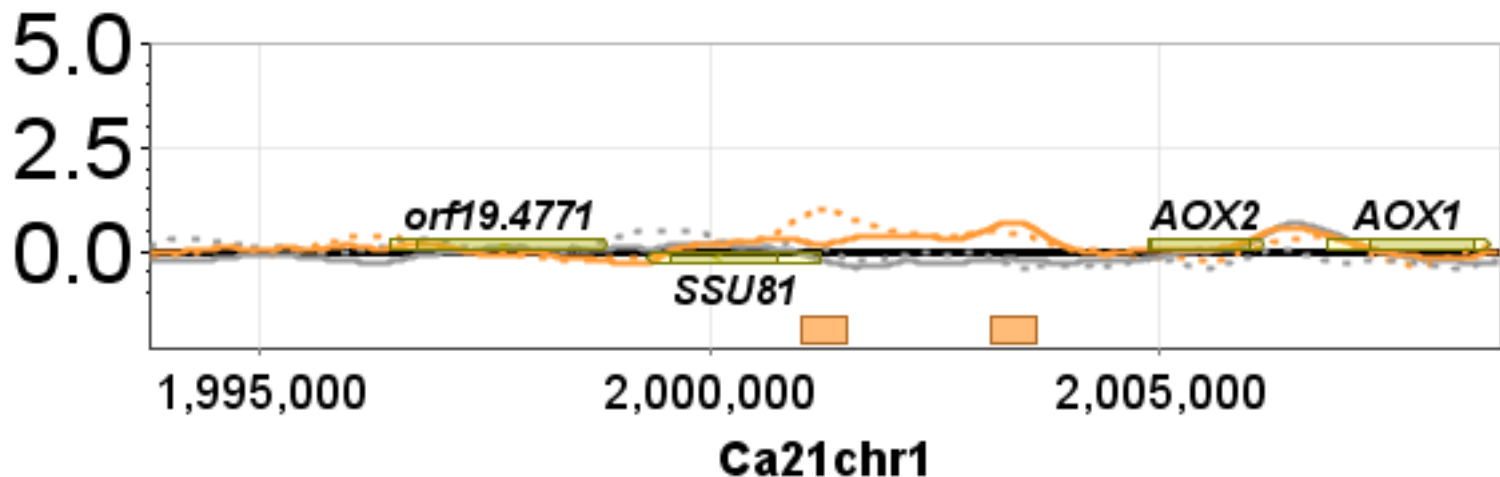
[0.983] Ca21chr2:1794857-1809856 [+] [PIR1, orf19.223, BUD20, orf19.225, orf19.217]



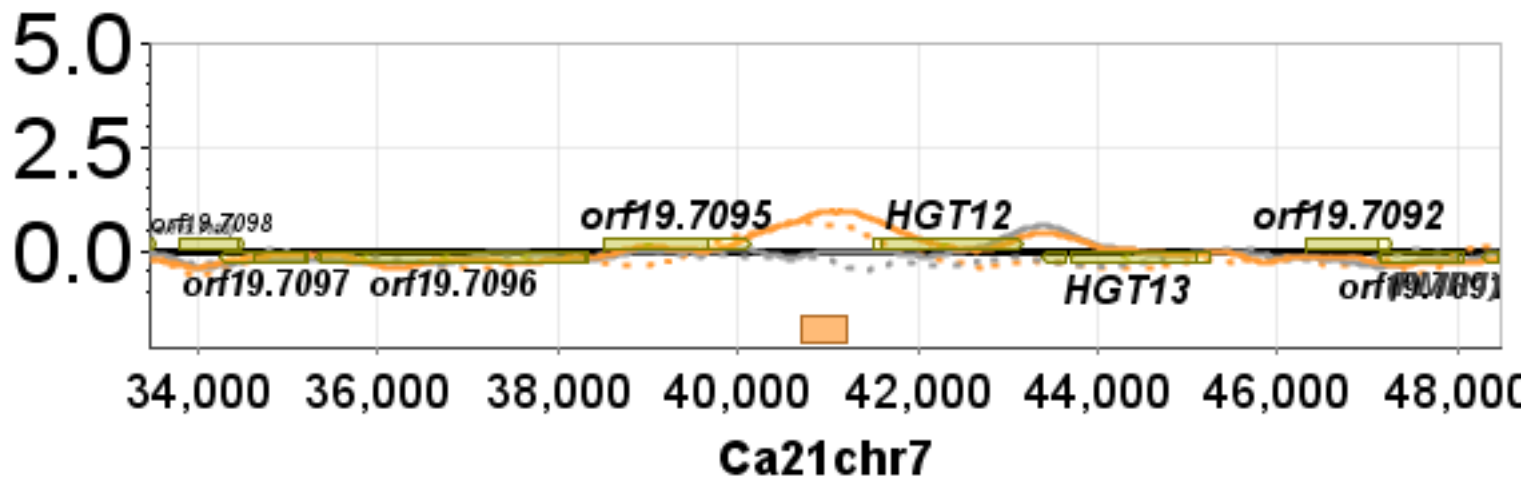
[0.981] Ca21chr5:160607-175606 [+] [HYR3, IFF8, SPE2, ntar_858, CTF8]



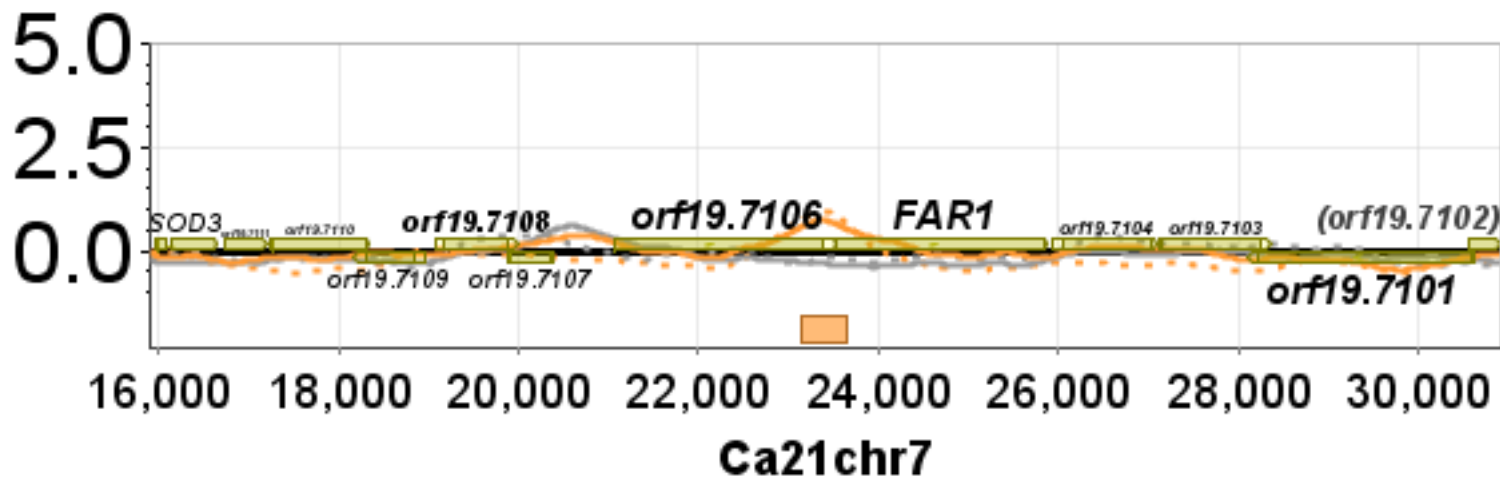
[0.979] Ca21chr1:1993769-2008768 [+] [SSU81, ntar_188, ntar_189, ntar_190, AOX2]

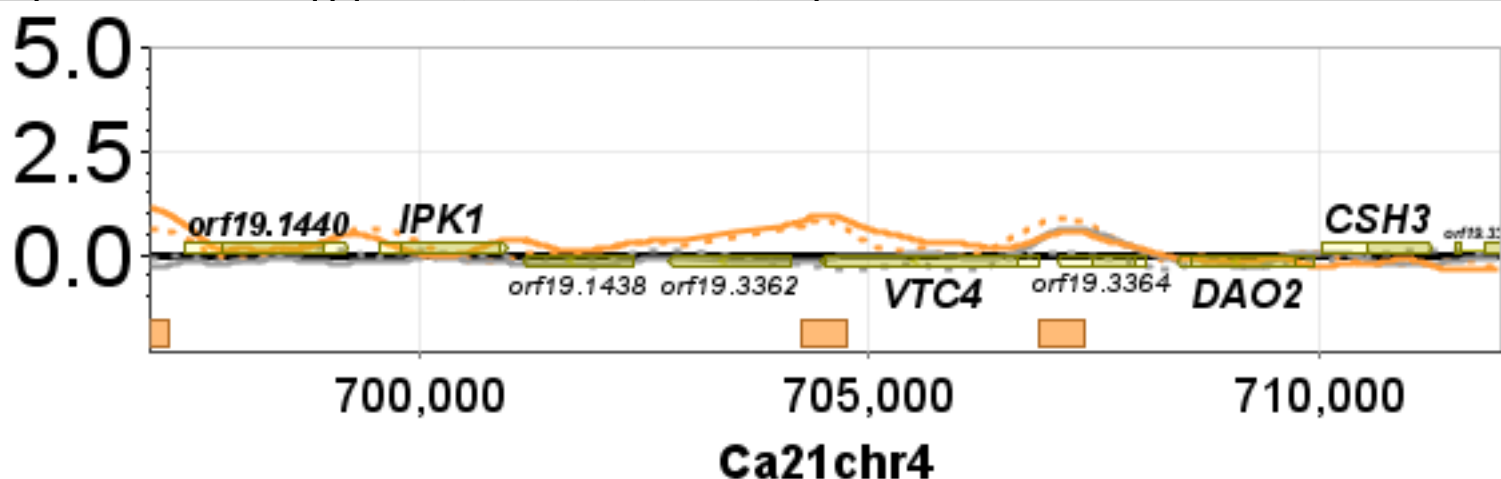
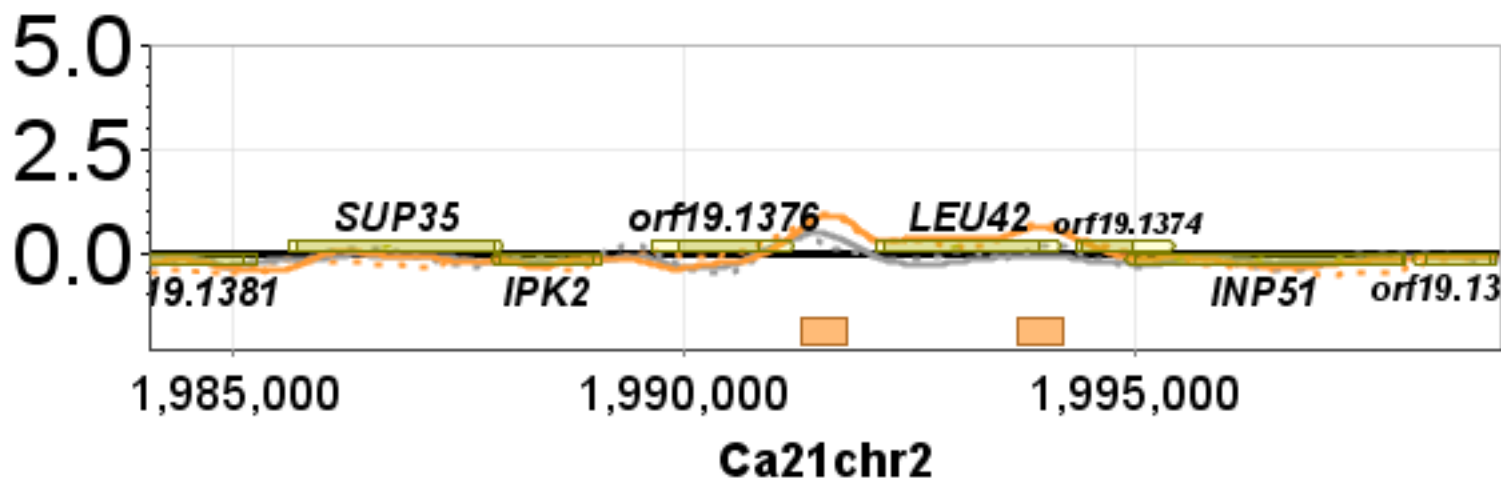
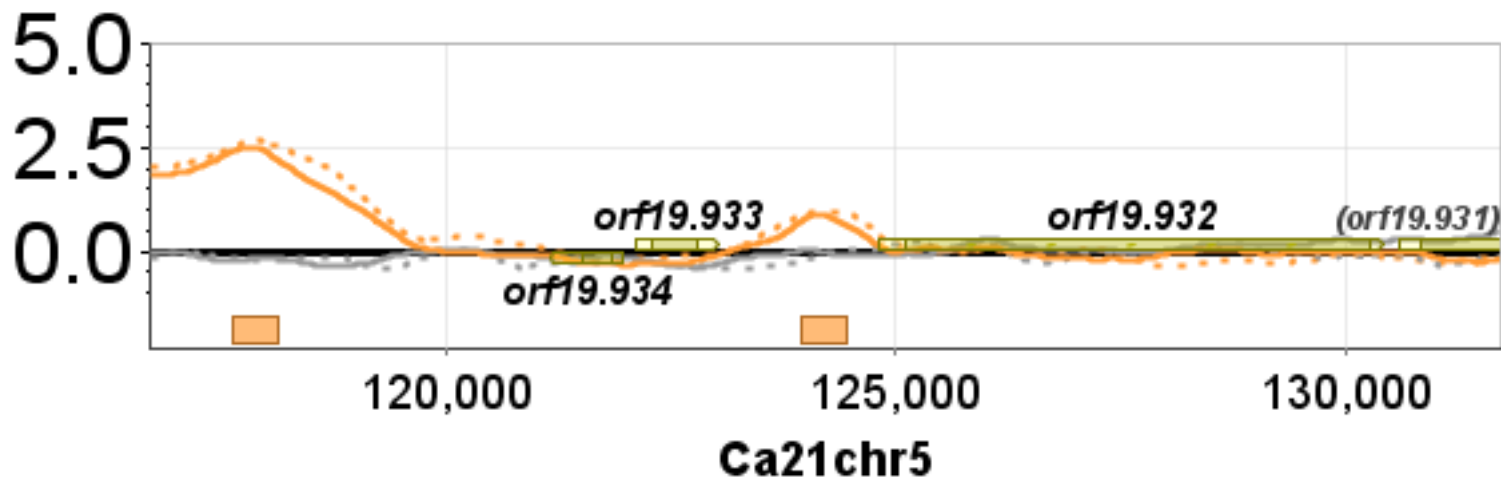
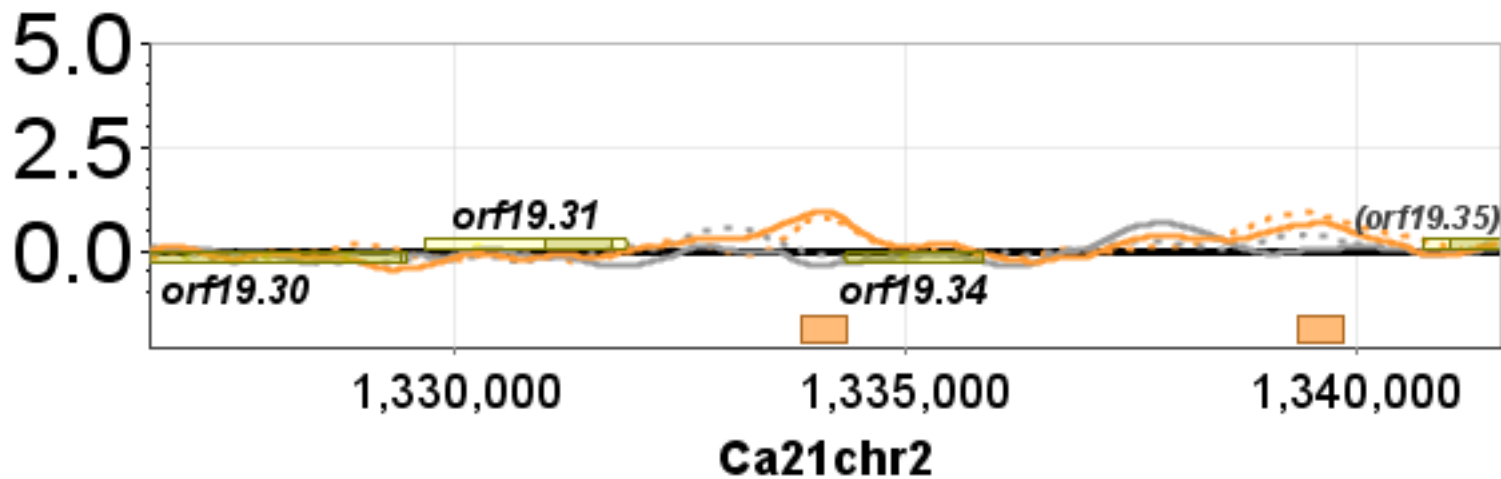


[0.973] Ca21chr7:33462-48461 [+] [HGT12, orf19.7095, orf19.7096, HGT13, orf19.7092]

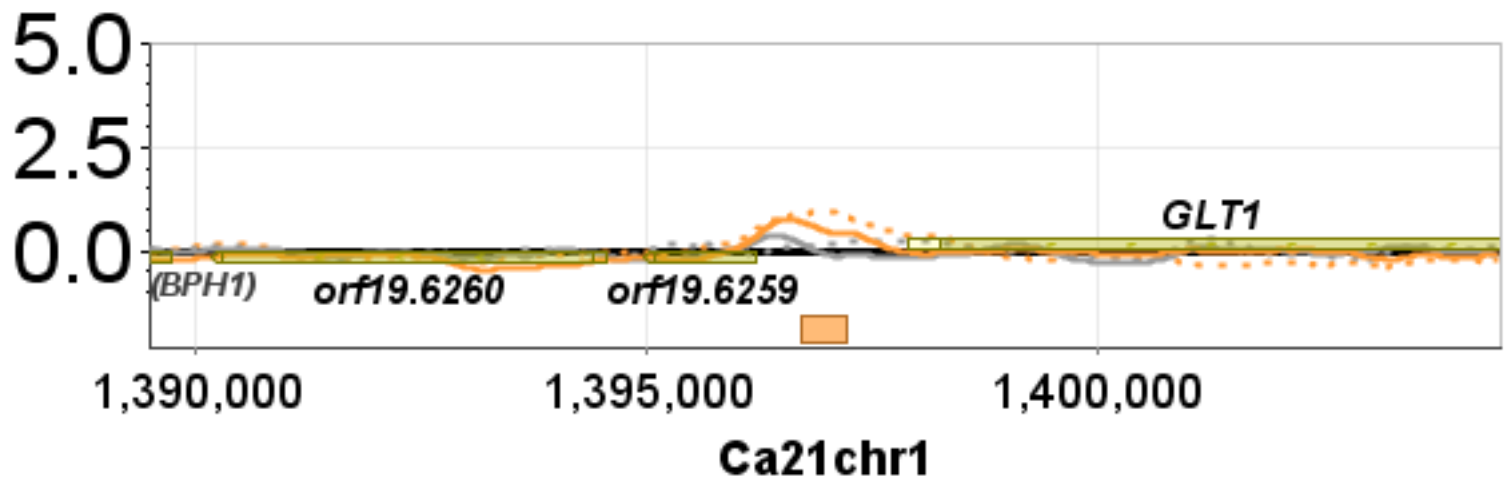


[0.969] Ca21chr7:15895-30894 [+] [FAR1, orf19.7106, ntar_1053, orf19.7104, orf19.7107]

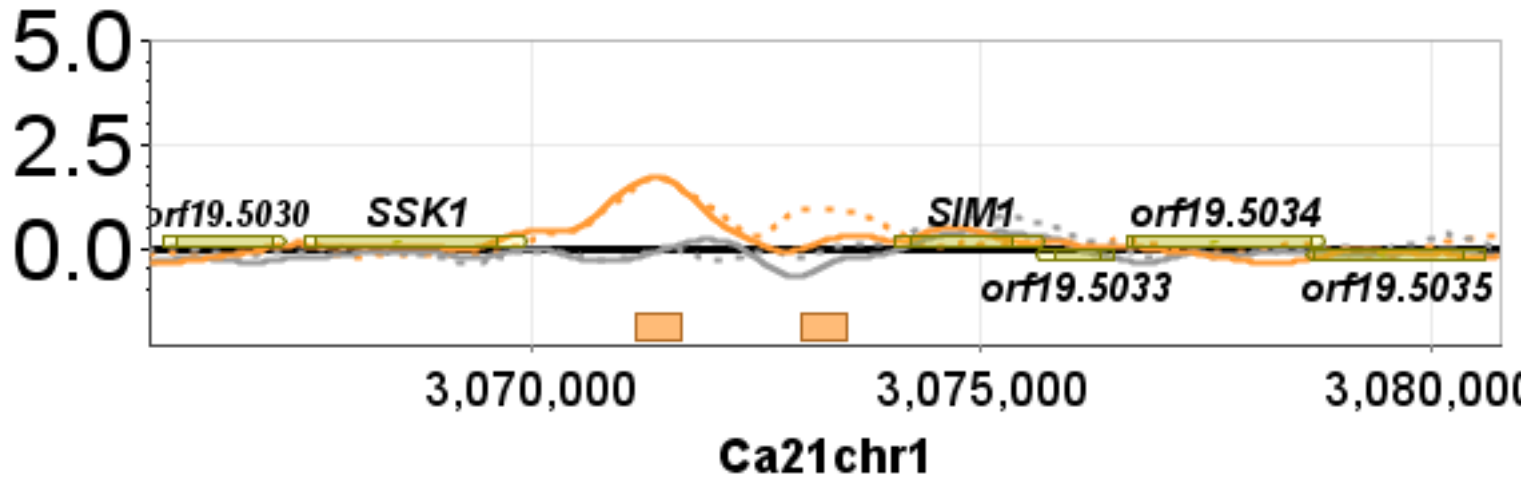




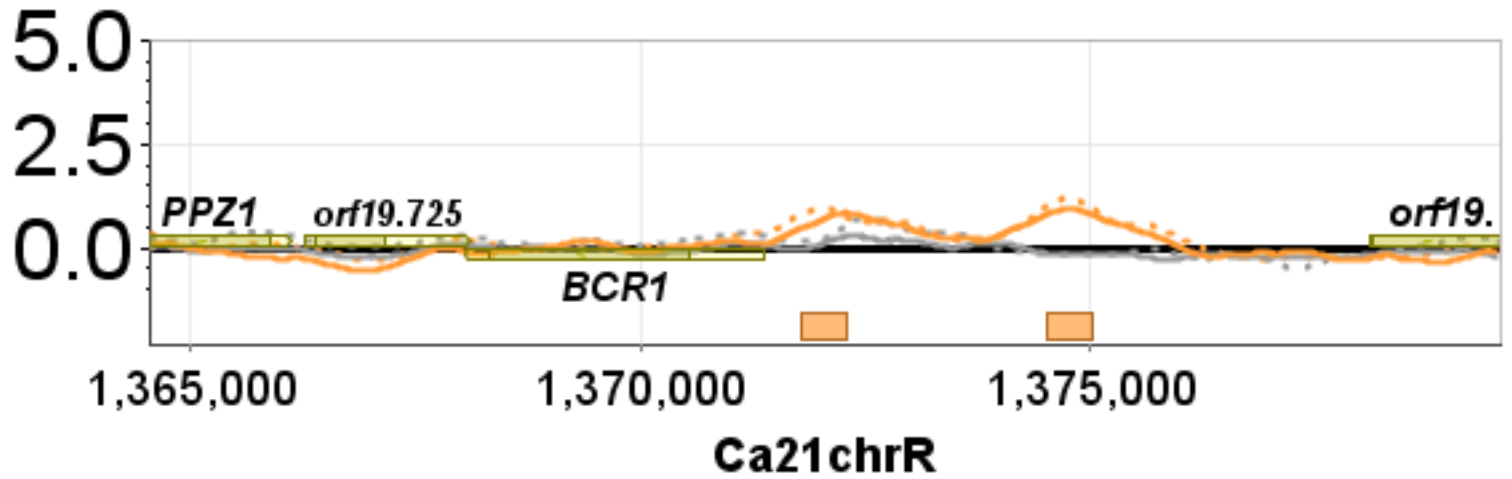
[0.955] Ca21chr1:1389469-1404468 [+] [orf19.6259, GLT1, orf19.6260, BPH1]



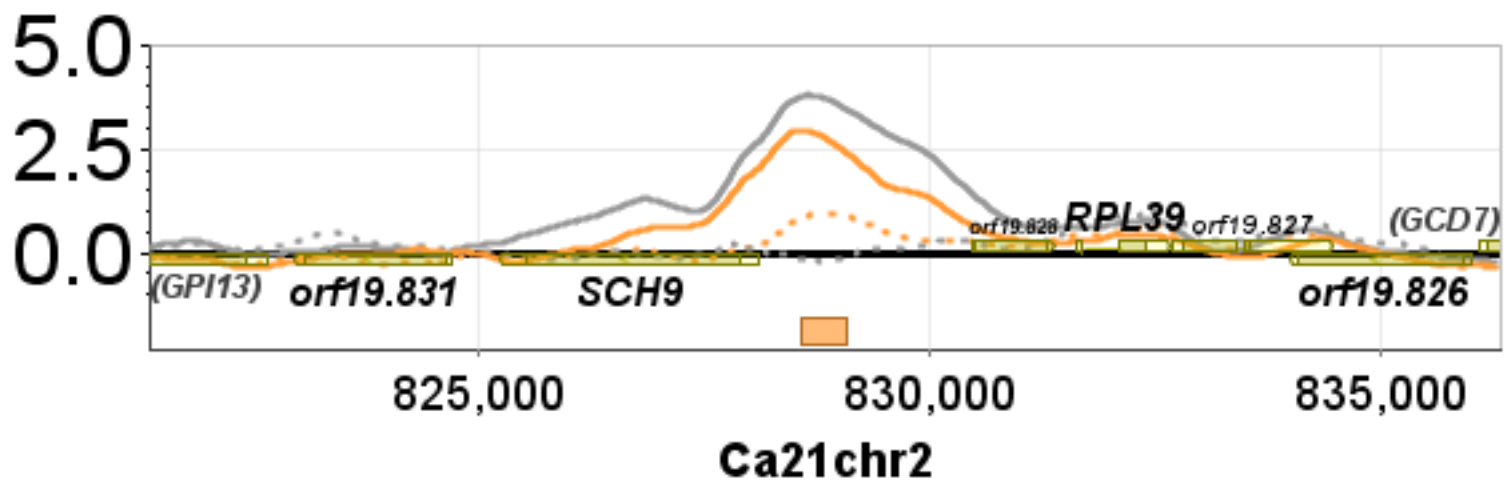
[0.952] Ca21chr1:3065758-3080757 [+] [Intar_277, SIM1, orf19.5033, orf19.5034, SSK1]



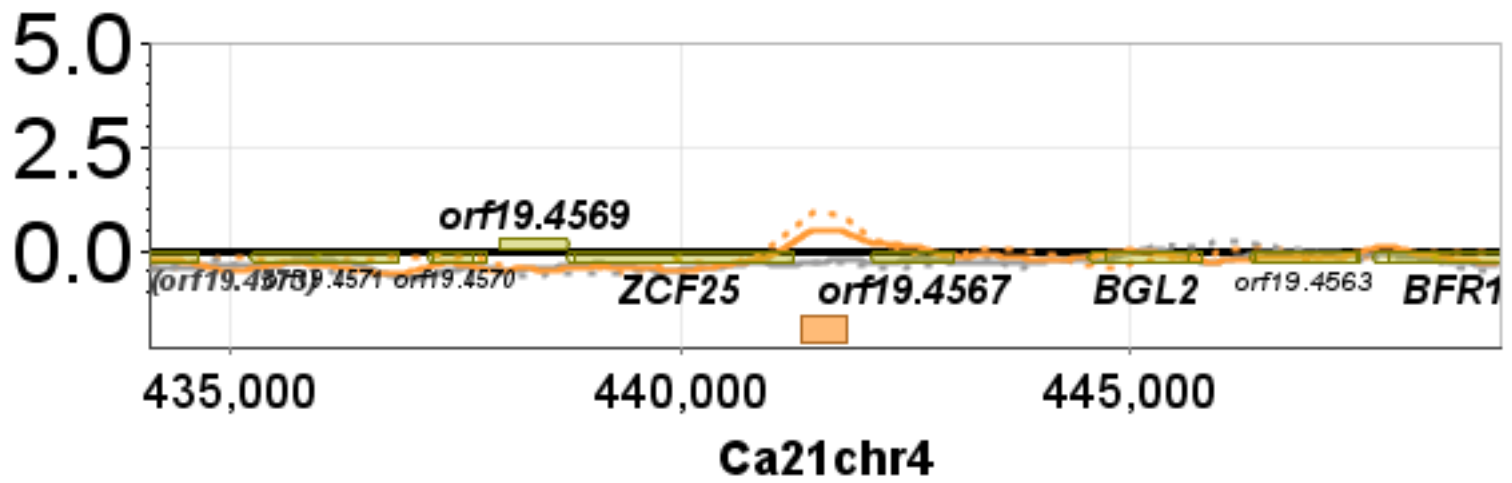
[0.952] Ca21chrR:1364538-1379537 [+] [BCR1, orf19.725, orf19.721, PPZ1]



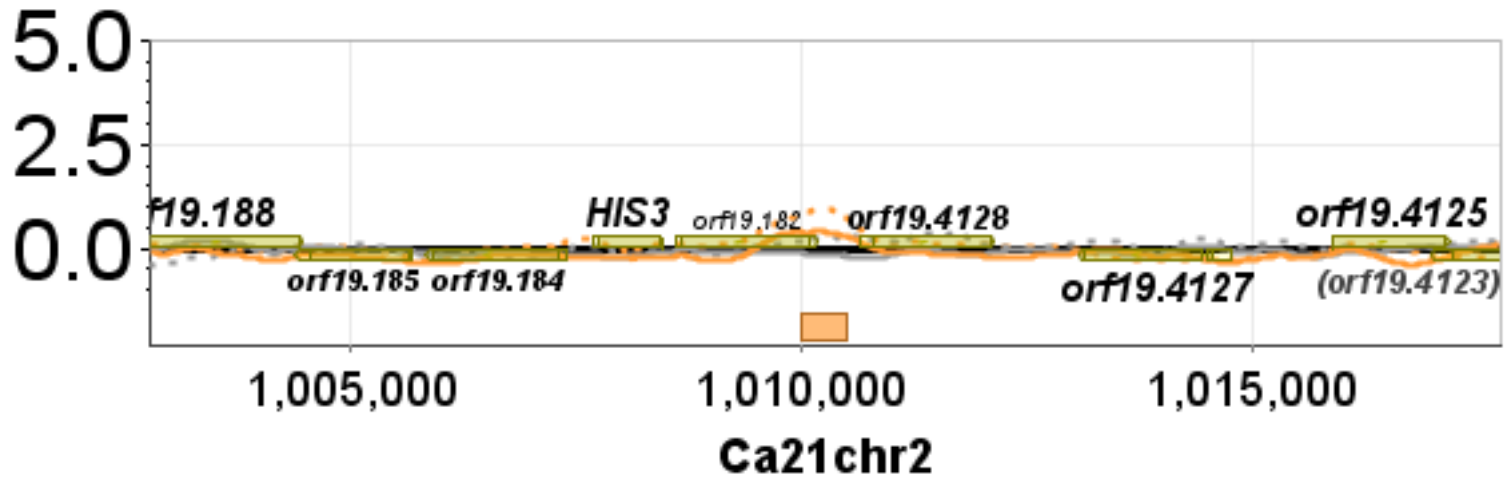
[0.951] Ca21chr2:821334-836333 [+] [SCH9, orf19.828, ntar_358, RPL39, orf19.827]



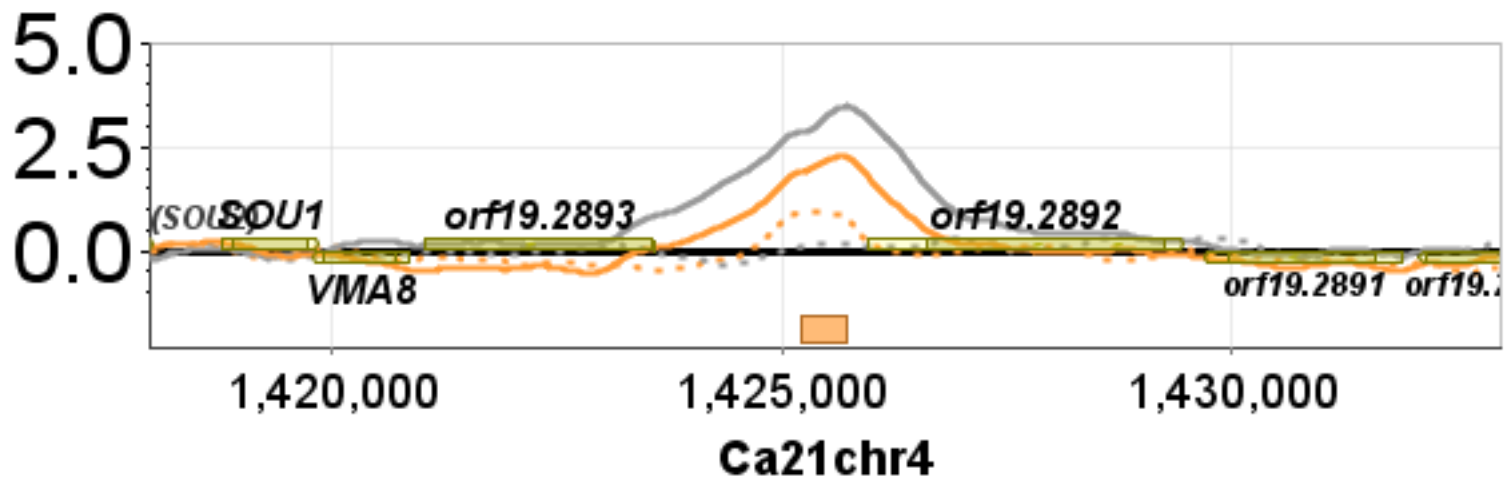
[0.945] Ca21chr4:434095-449094 [+] [ZCF25, orf19.4567, orf19.4566, orf19.4569, orf19.4570]



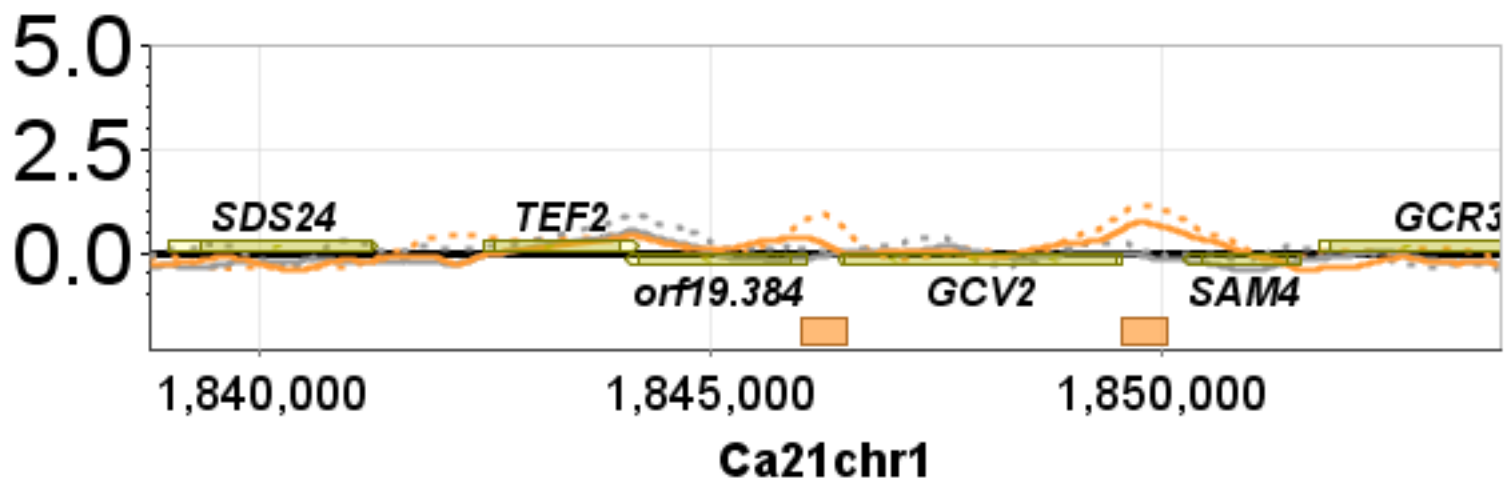
[0.941] Ca21chr2:1002757-1017756 [+] [ntar_381, ntar_382, orf19.4128, ntar_383, orf19.182]



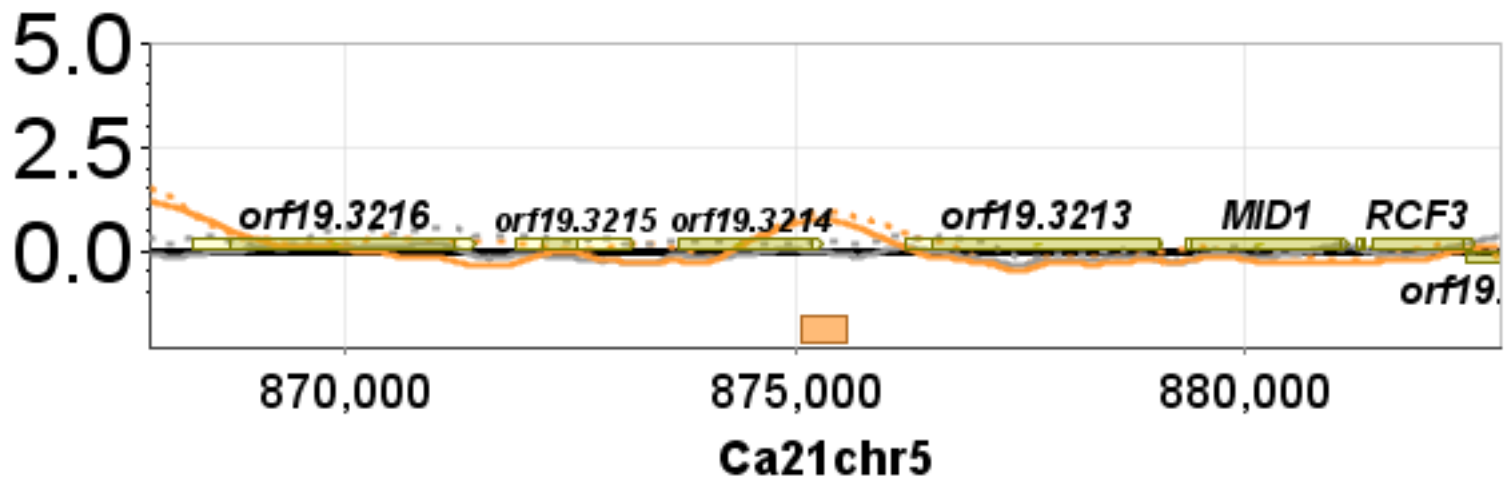
[0.94] Ca21chr4:1417967-1432966 [+] [orf19.2892, orf19.2893, VMA8, orf19.2891, SOU1]



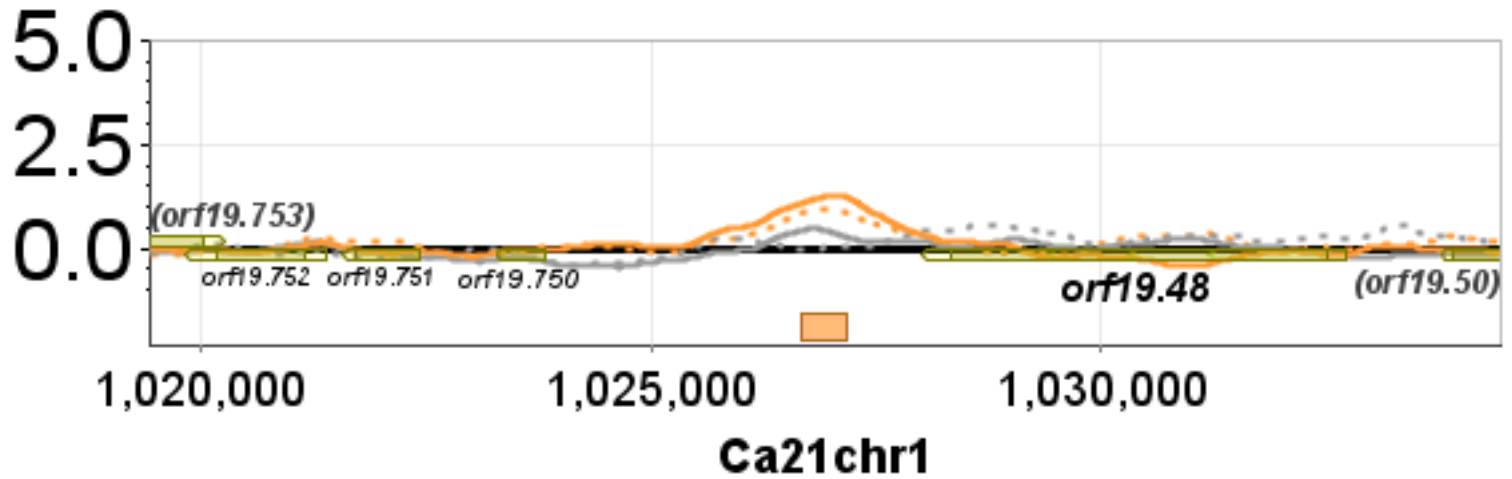
[0.939] Ca21chr1:1838762-1853761 [+] [orf19.384, GCV2, TEF2, ntar_173, SAM4]



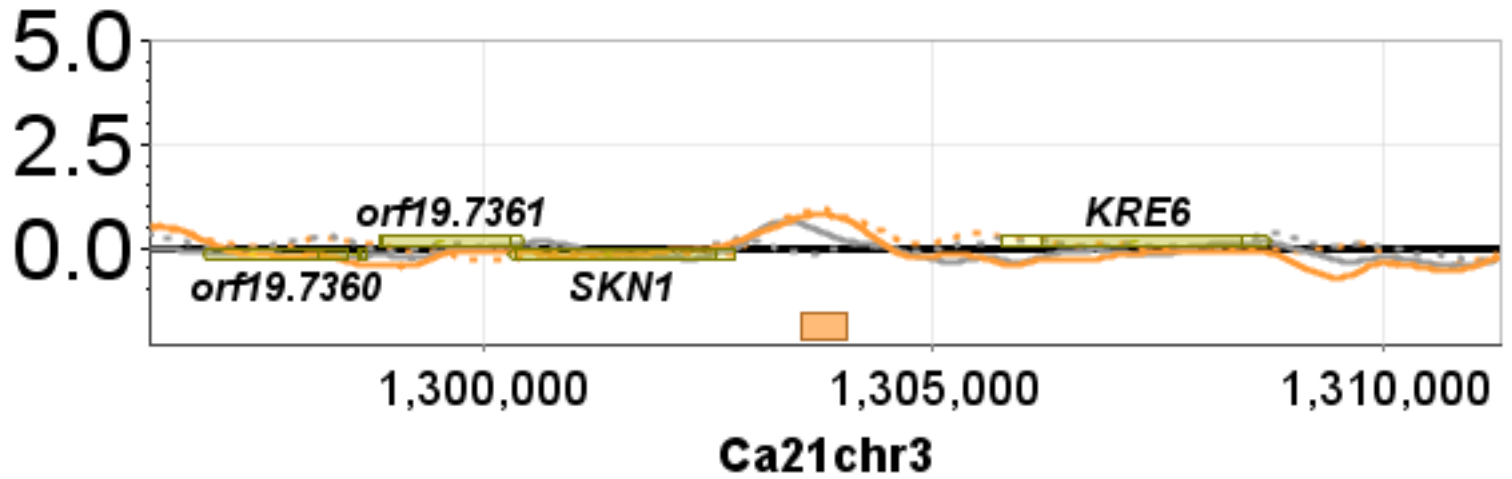
[0.938] Ca21chr5:867817-882816 [+] [ntar_934, orf19.3213, orf19.3214, ntar_933, orf19.3215]



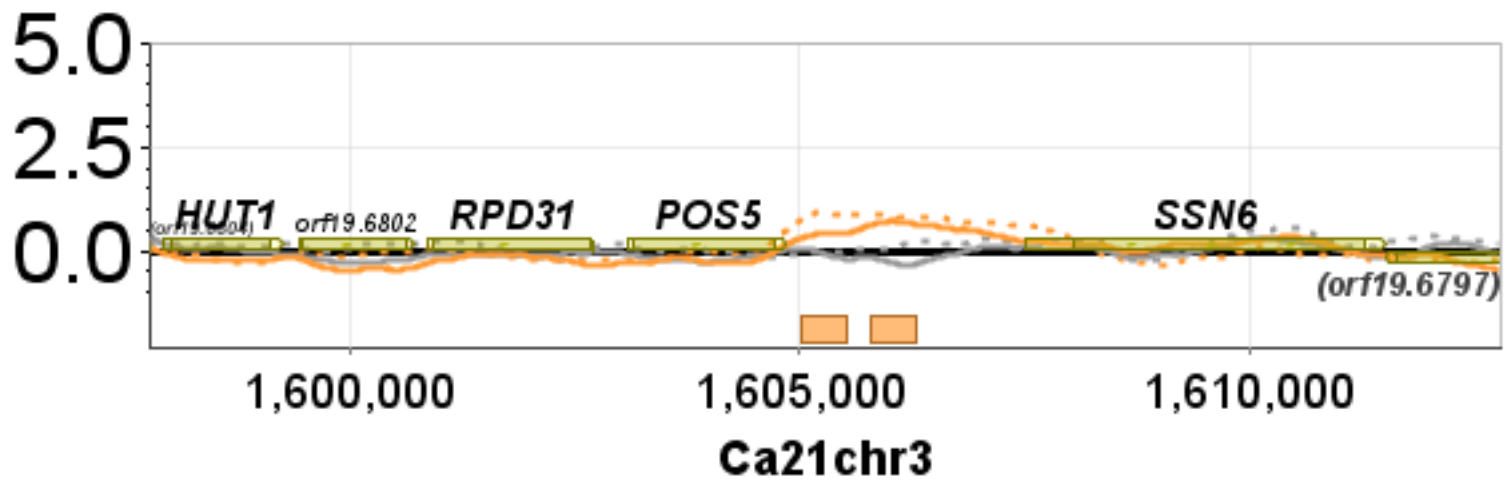
[0.926] Ca21chr1:1019425-1034424 [+] [ntar_99, orf19.750, orf19.751, ntar_98, orf19.752]



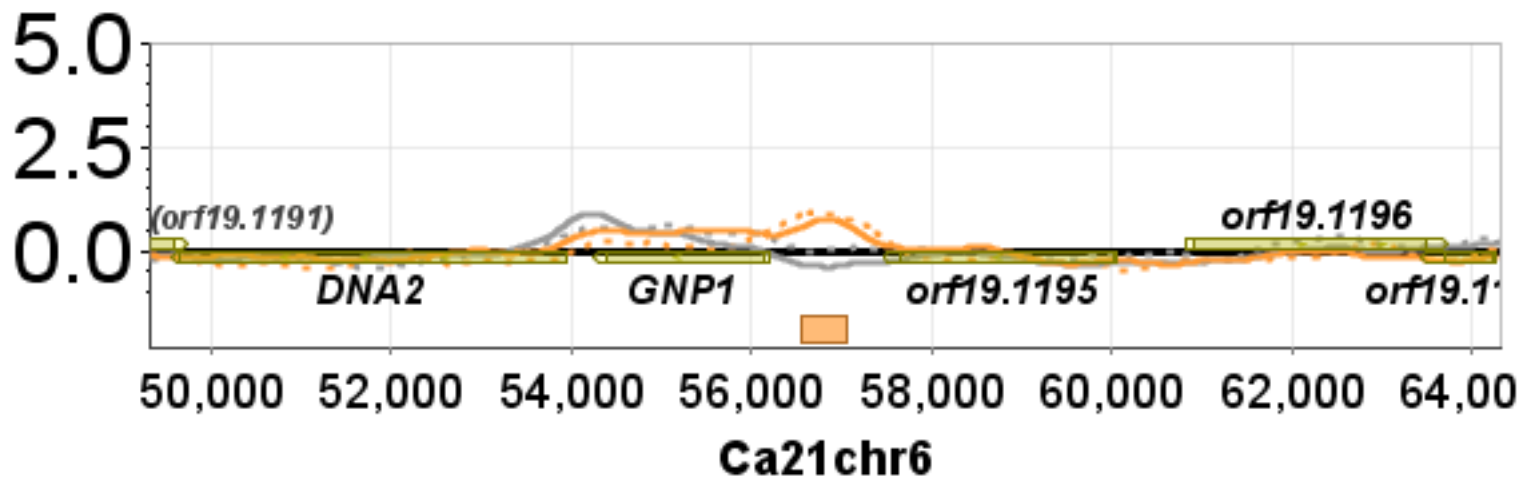
[0.924] Ca21chr3:1296290-1311289 [+] [SKN1, ntar_644, KRE6, orf19.7361, orf19.7360]



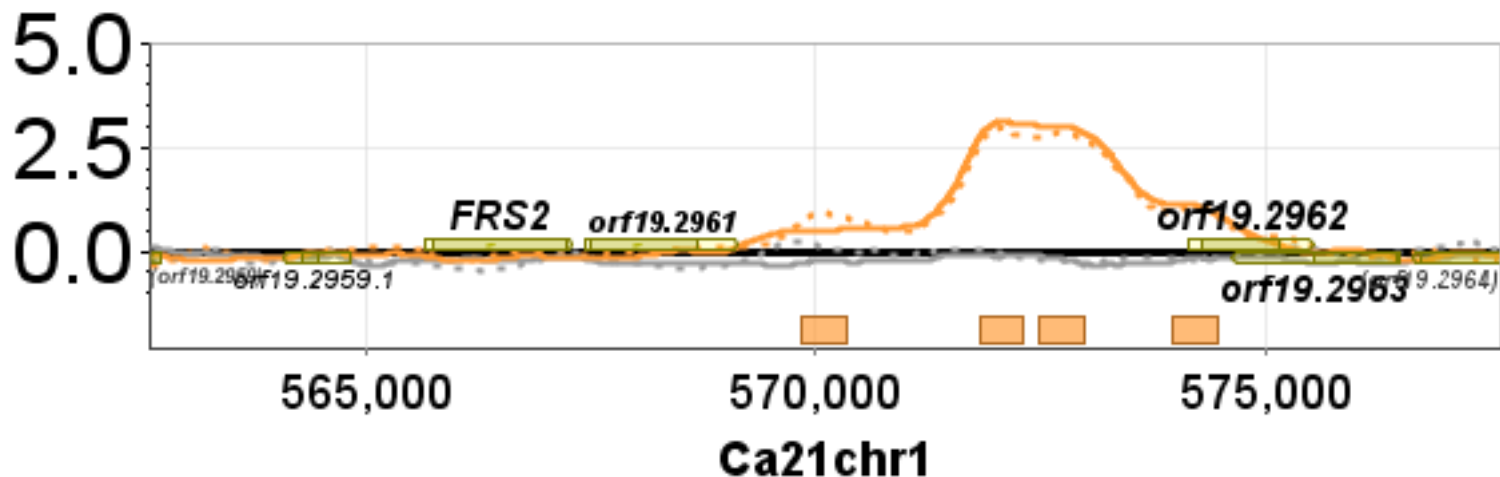
[0.923] Ca21chr3:1597776-1612775 [+] [POS5, SSN6, RPD31, orf19.6802, HUT1]



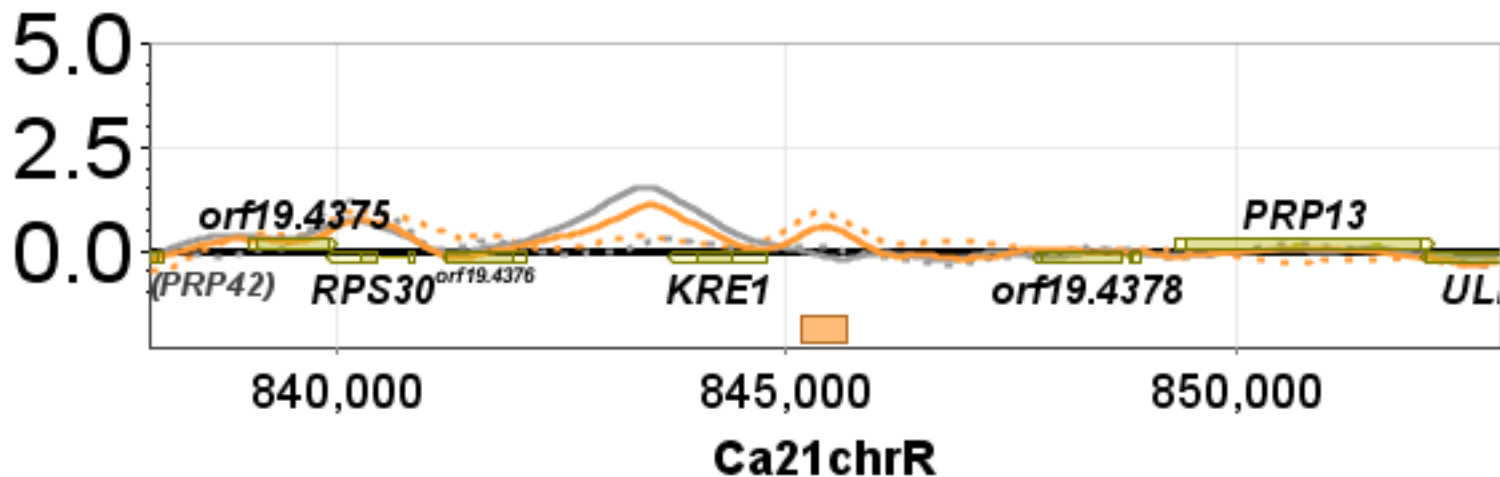
[0.923] Ca21chr6:49306-64305 [+] [GNP1, DNA2, orf19.1195, orf19.1196, orf19.1198]



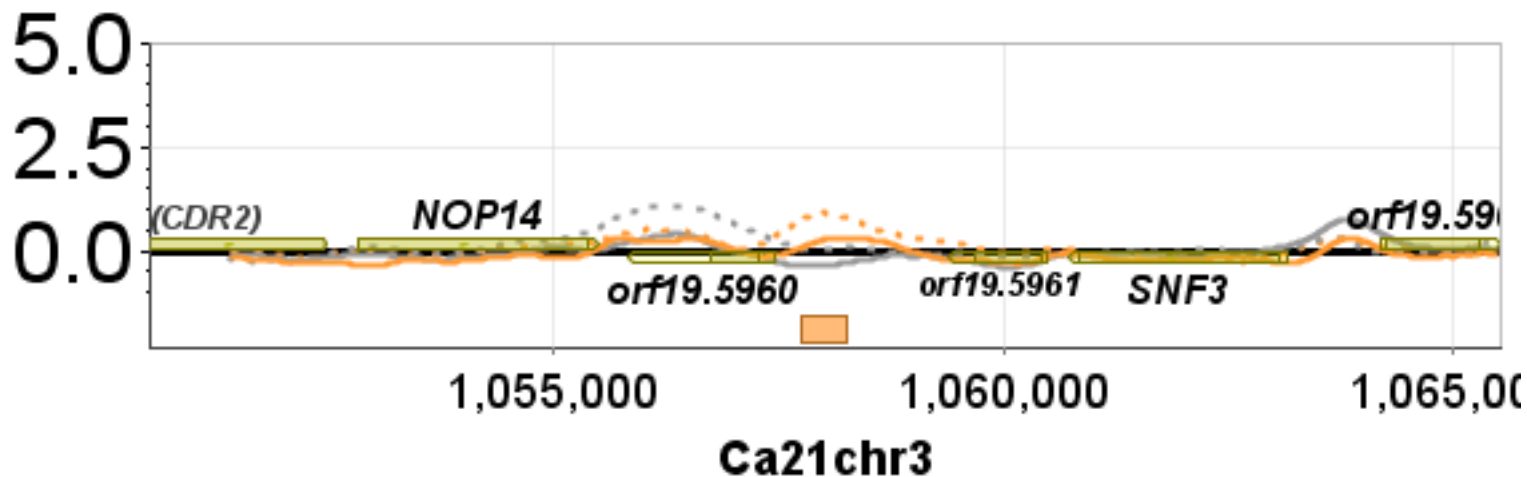
[0.917] Ca21chr1:562599-577598 [+] [orf19.2961, orf19.2962, FRS2, ntar_60, orf19.2959.1]

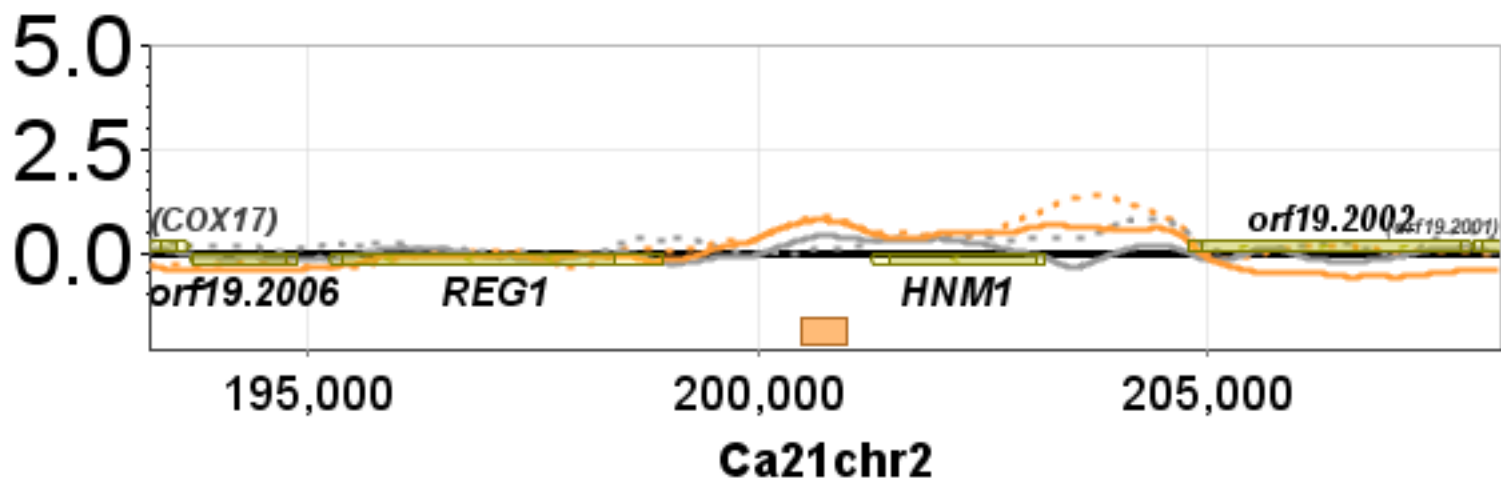
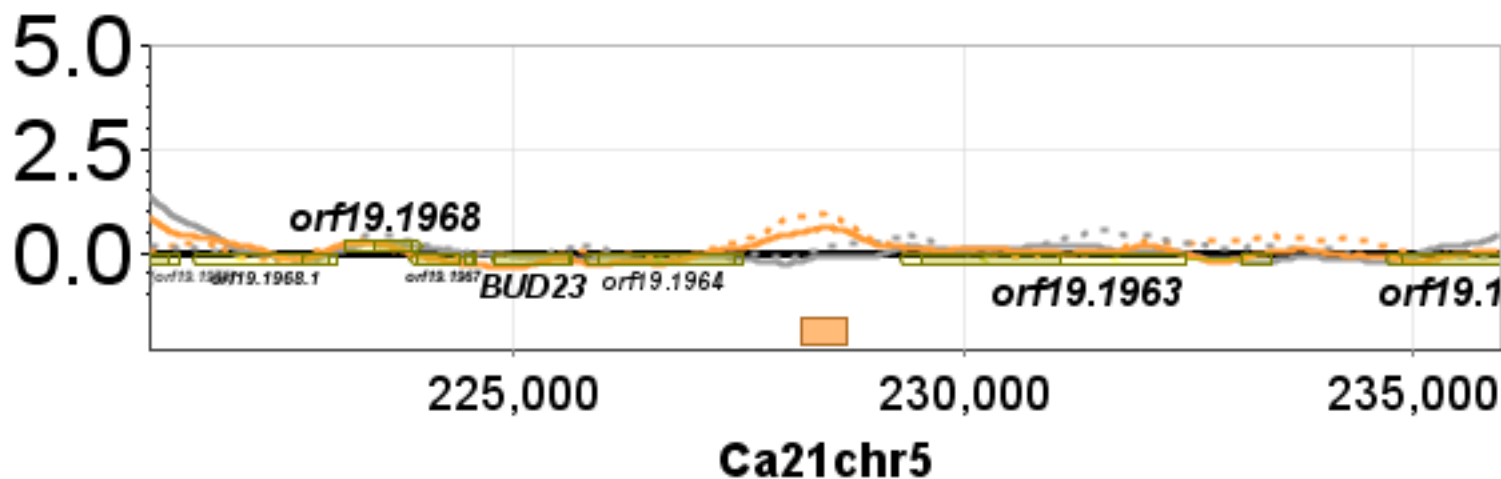
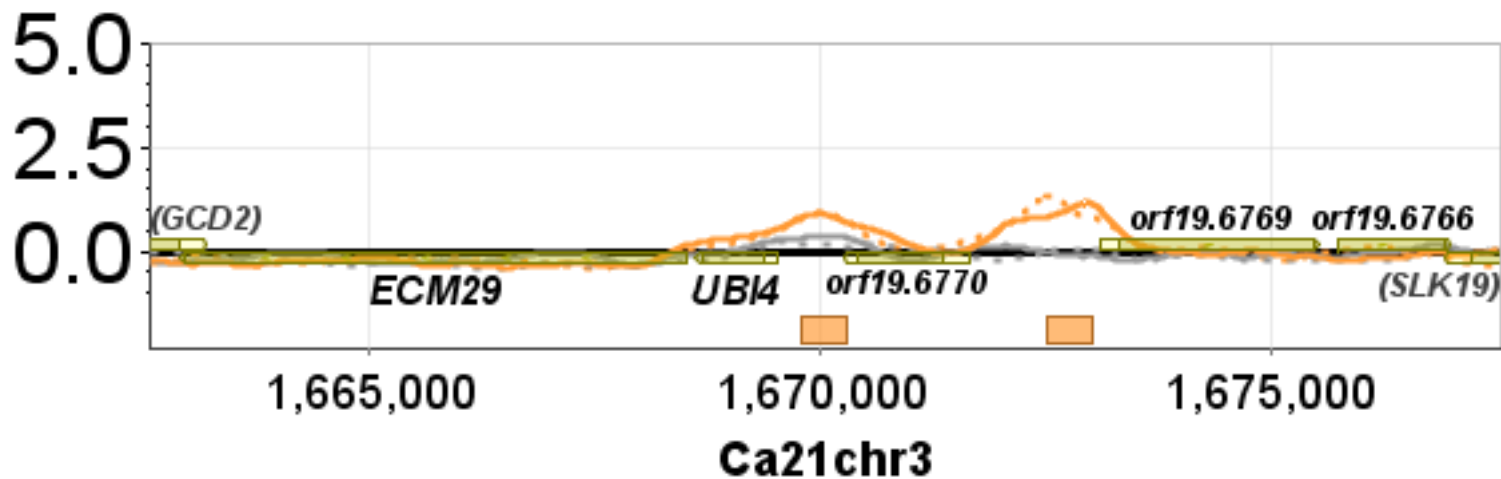
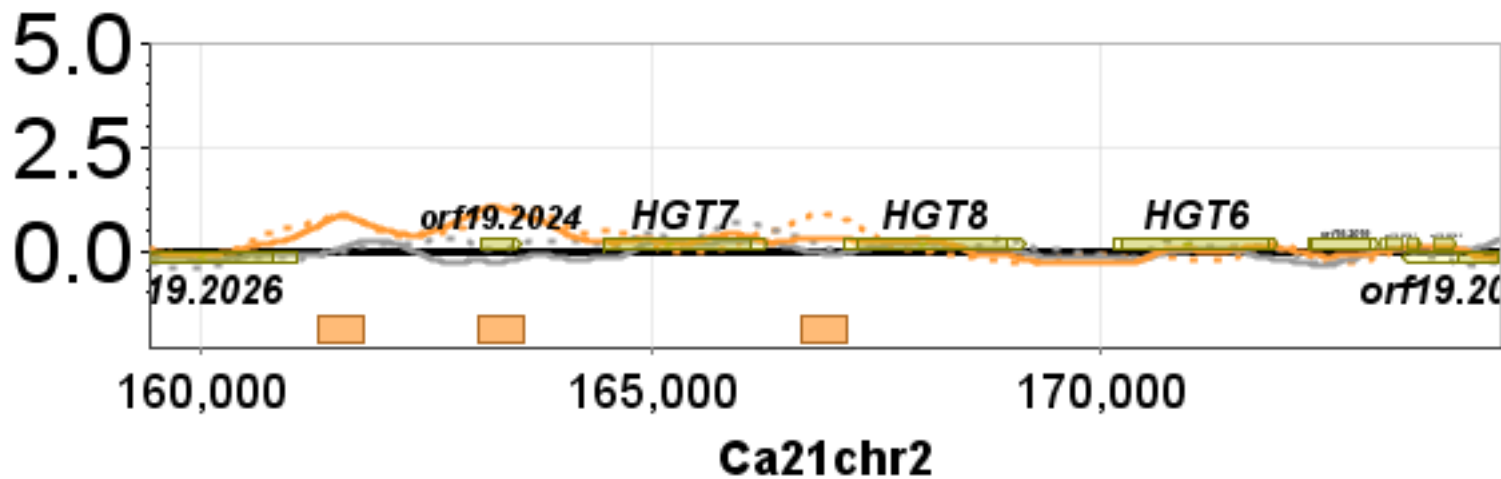


[0.917] Ca21chrR:837923-852922 [+] [KRE1, orf19.4376, orf19.4378, PRP13, ntar_1252]

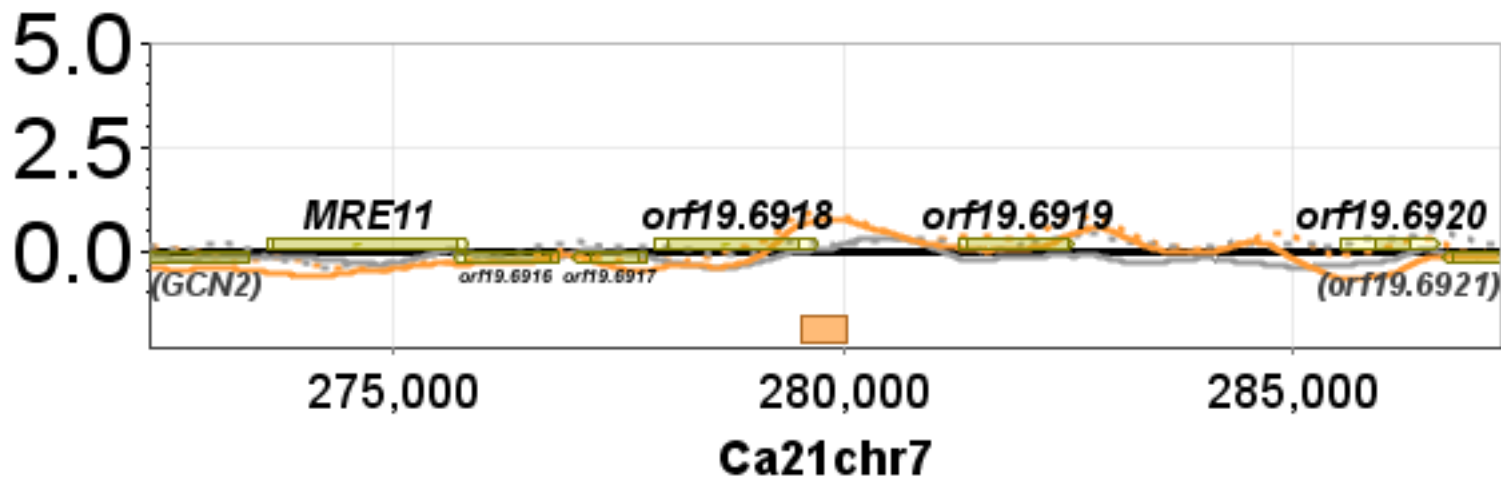


[0.916] Ca21chr3:1050513-1065512 [+] [orf19.5960, ntar_608, ntar_607, orf19.5961, SNF3]

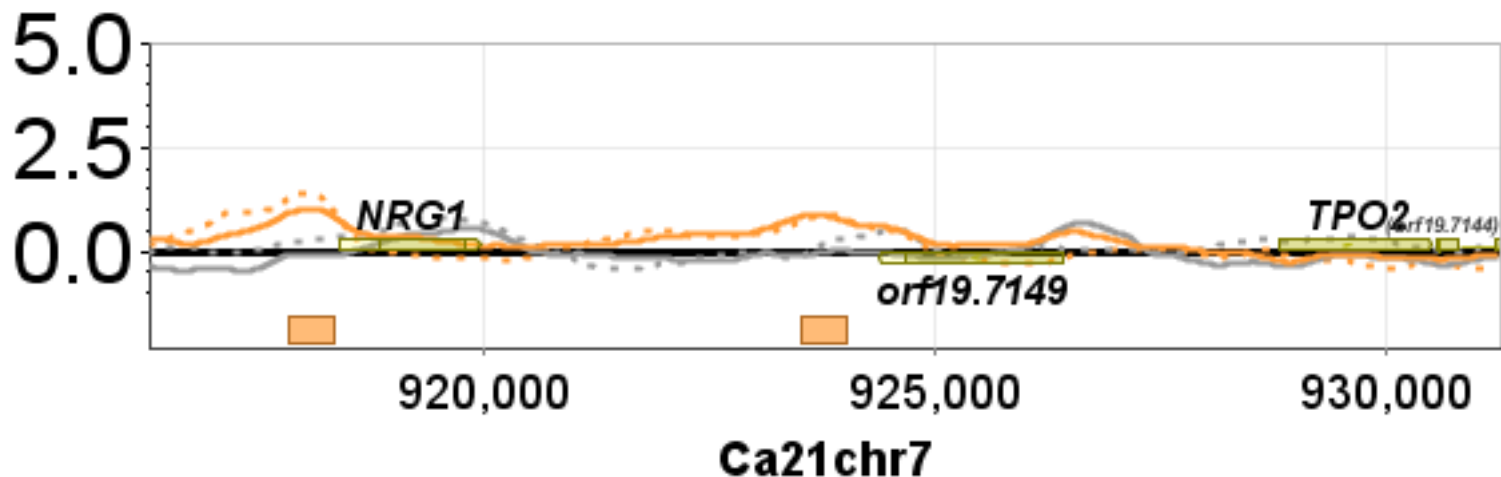




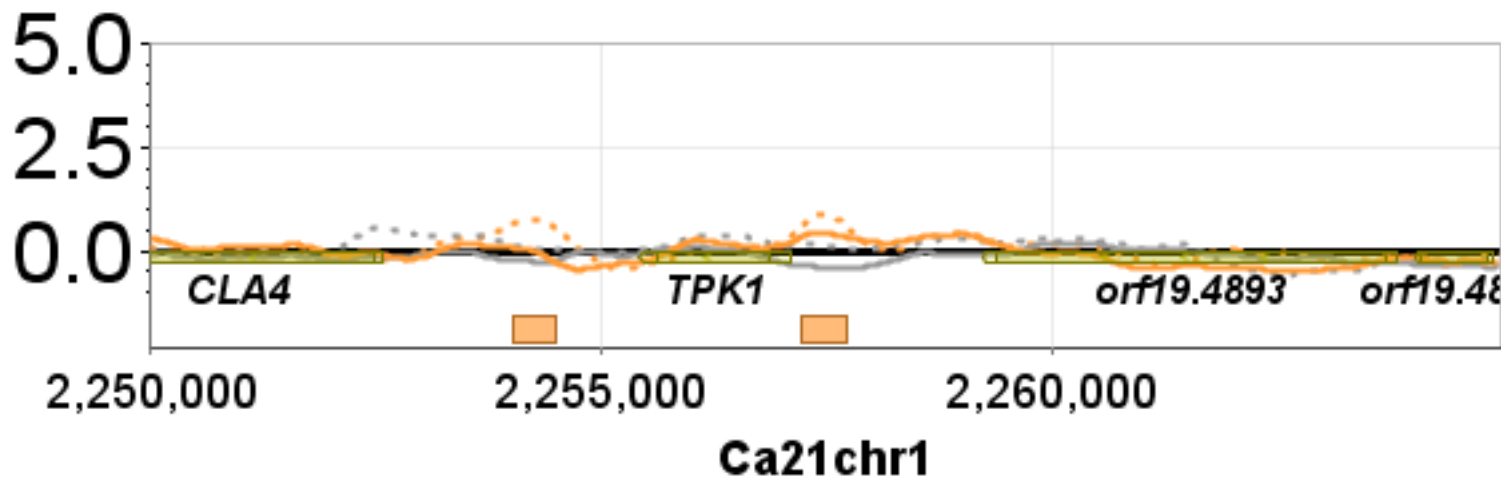
[0.903] Ca21chr7:272285-287284 [+] [orf19.6919, orf19.6918, orf19.6917, ntar_1080, orf19.6916]



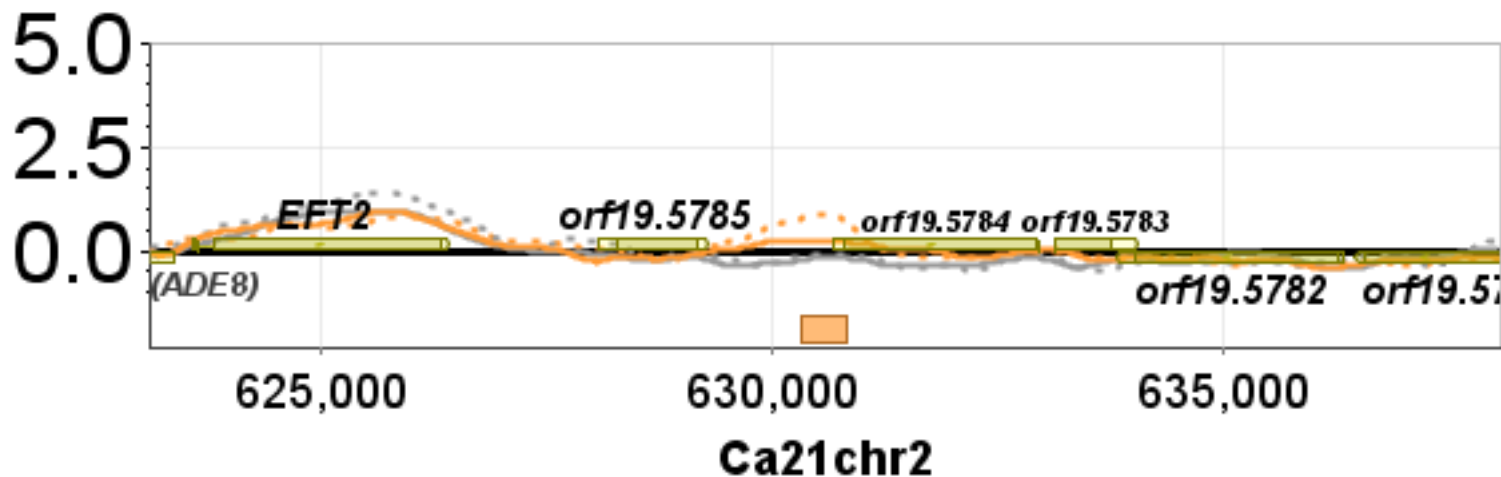
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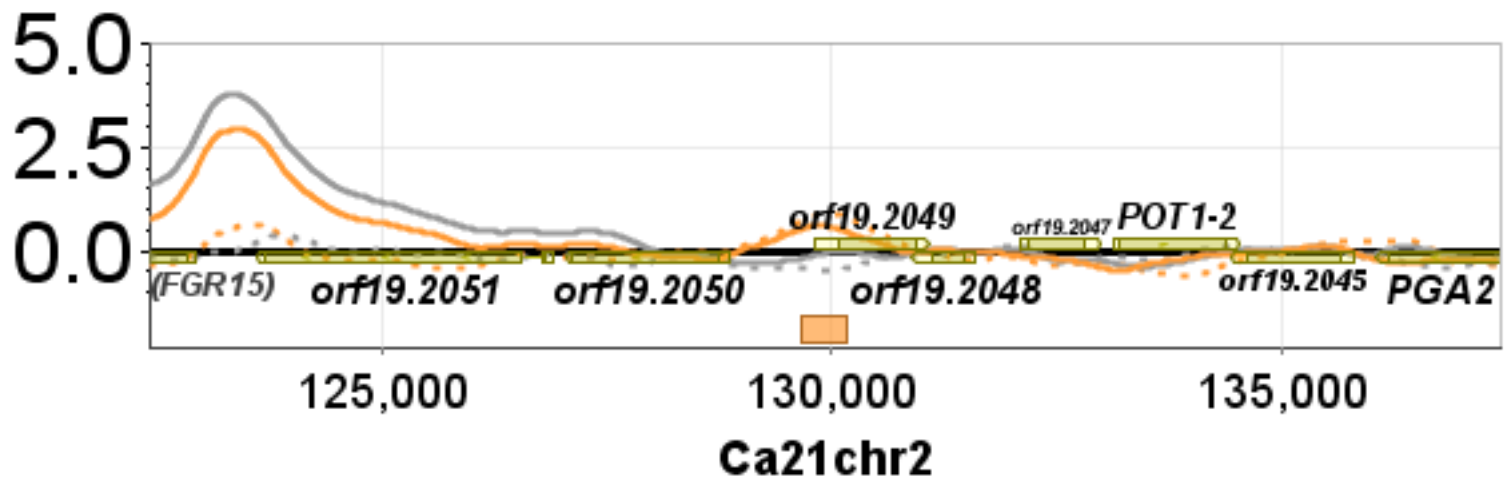
[0.901] Ca21chr1:2249976-2264975 [+] [TPK1, ntar_208, CLA4, orf19.4893, orf19.4894]



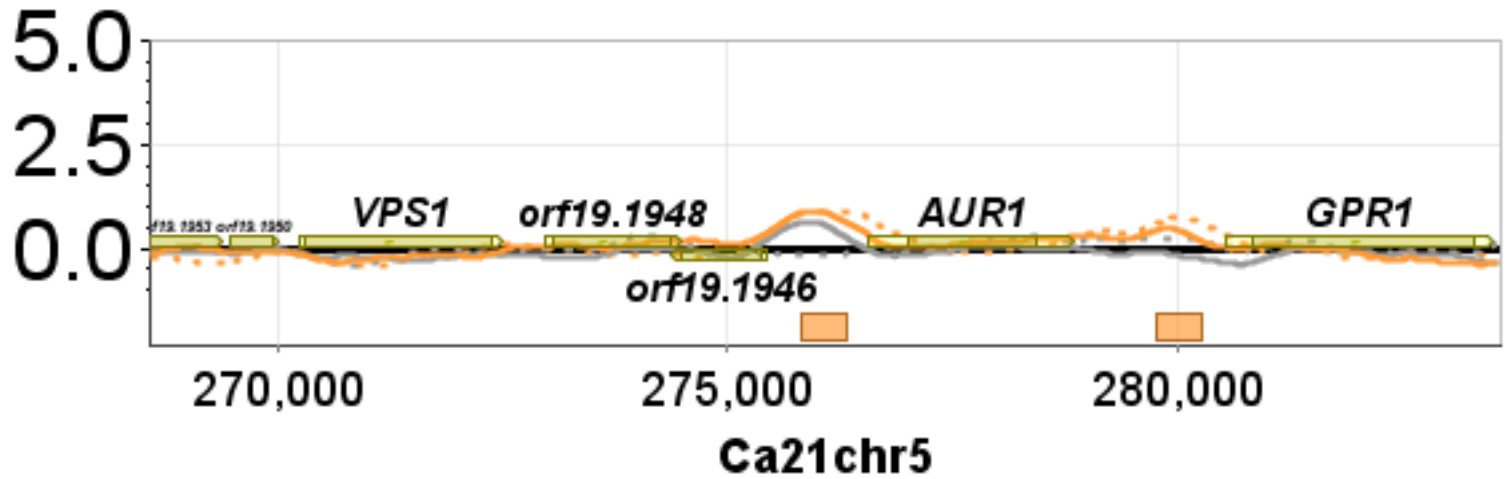
[0.901] Ca21chr2:623074-638073 [+] [orf19.5784, orf19.5785, orf19.5783, ntar_341, orf19.5782]



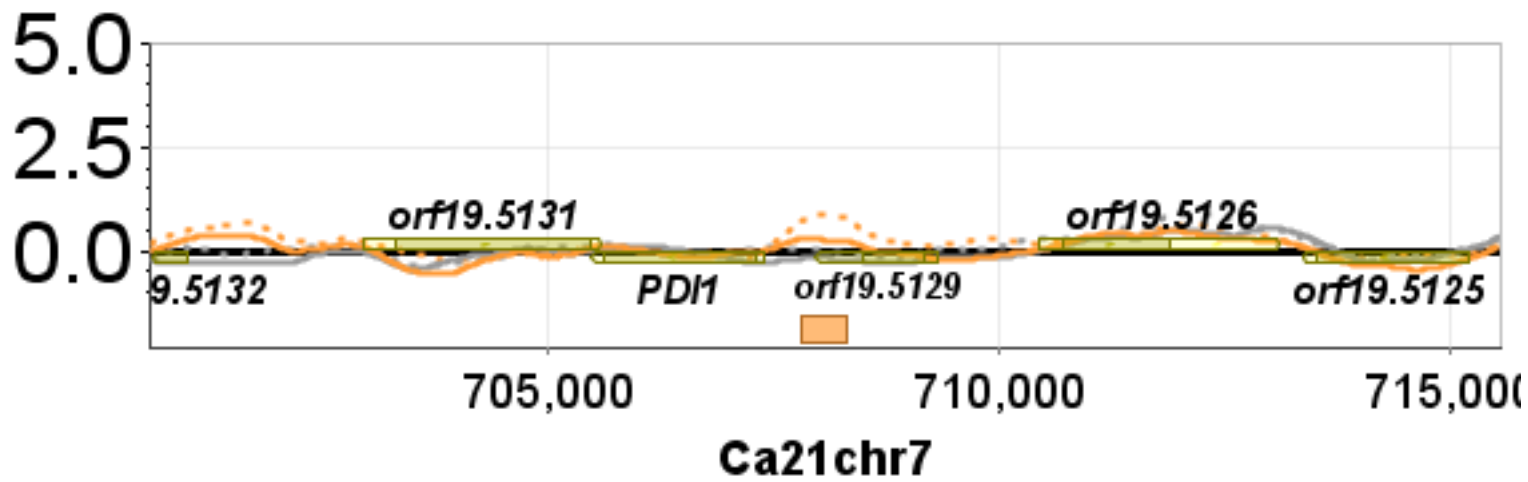
[0.9] Ca21chr2:122421-137420 [+] [orf19.2049, orf19.2050, orf19.2048, orf19.2047, orf19.2051]



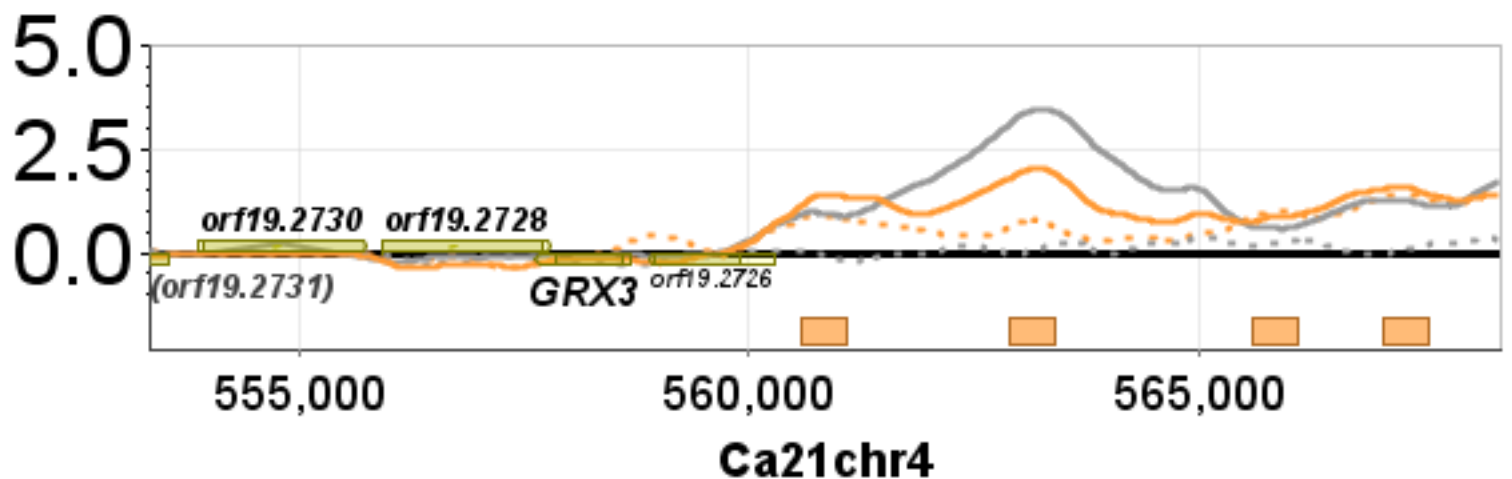
[0.9] Ca21chr5:268577-283576 [+] [AUR1, orf19.1946, orf19.1948, ntar_869, GPR1]



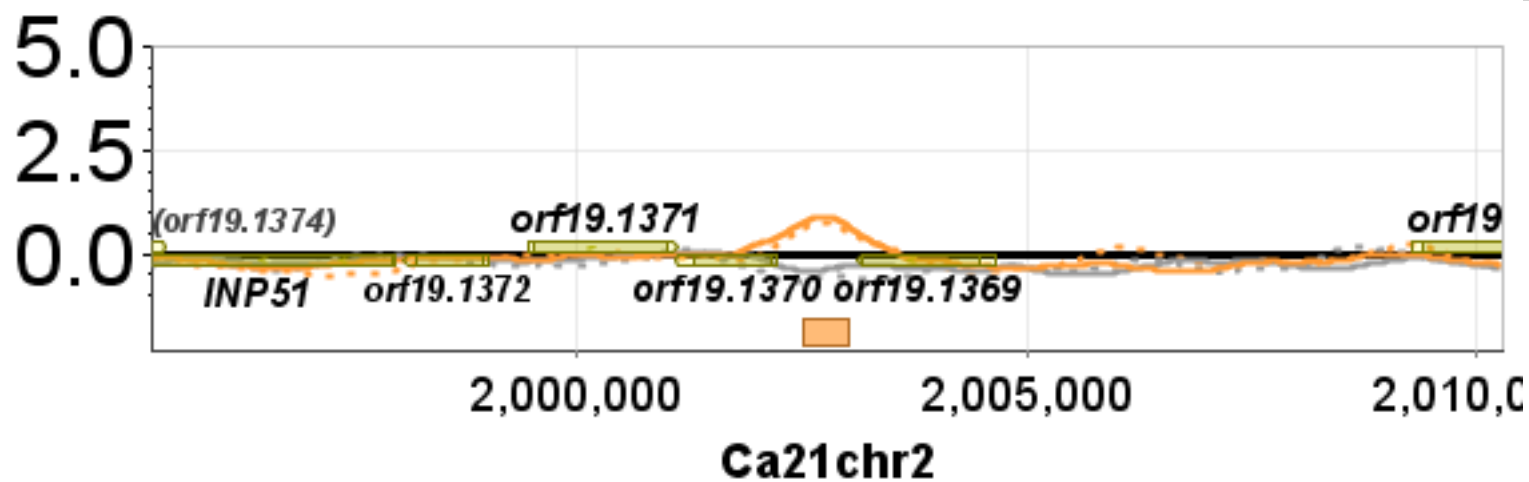
[0.9] Ca21chr7:700560-715559 [+] [PDI1, orf19.5129, orf19.5126, orf19.5131, ntar_1132]



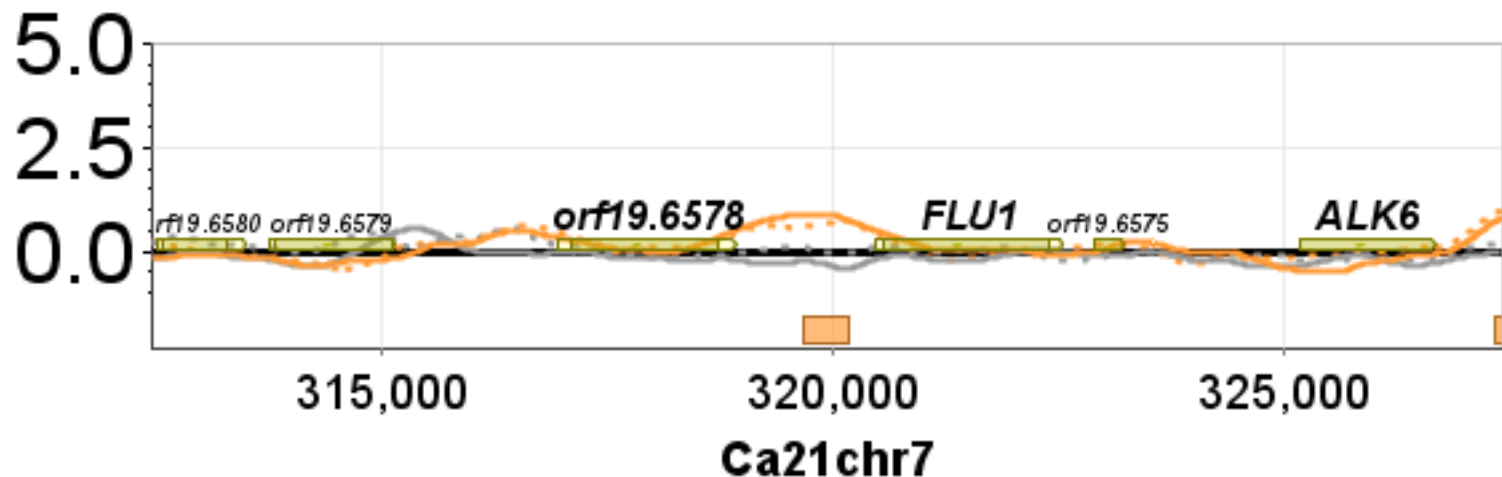
[0.899] Ca21chr4:553337-568336 [+] [orf19.2726, ntar_769, GRX3, orf19.2728, orf19.2725]



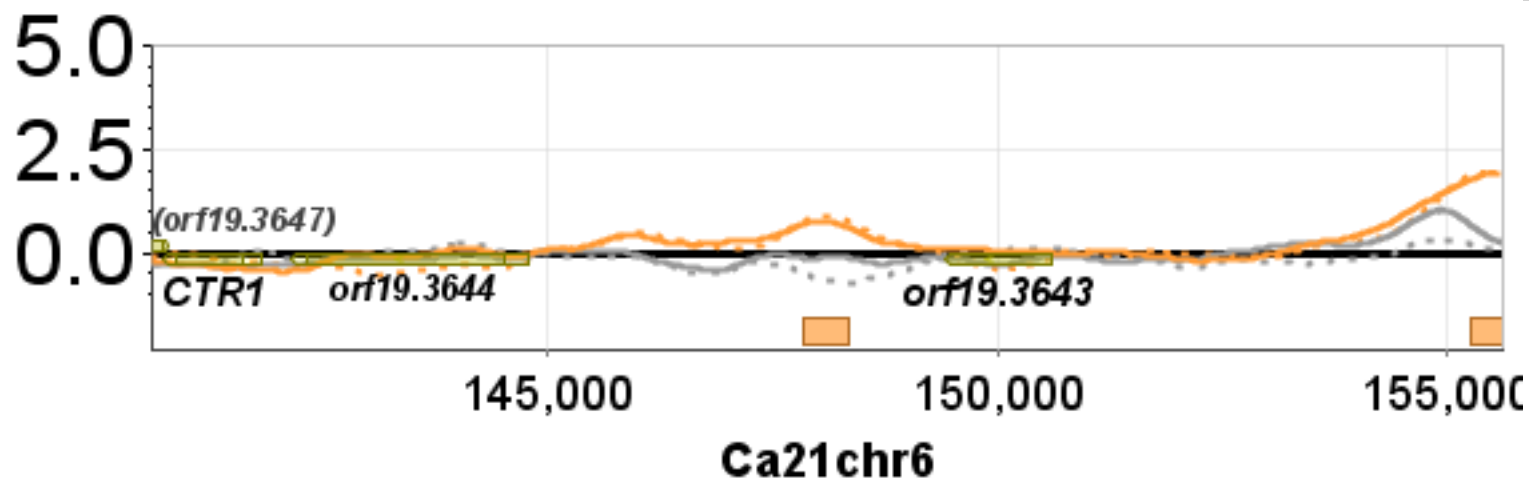
[0.897] Ca21chr2:1995275-2010274 [+] [orf19.1370, orf19.1369, orf19.1371, orf19.1372, INP51]



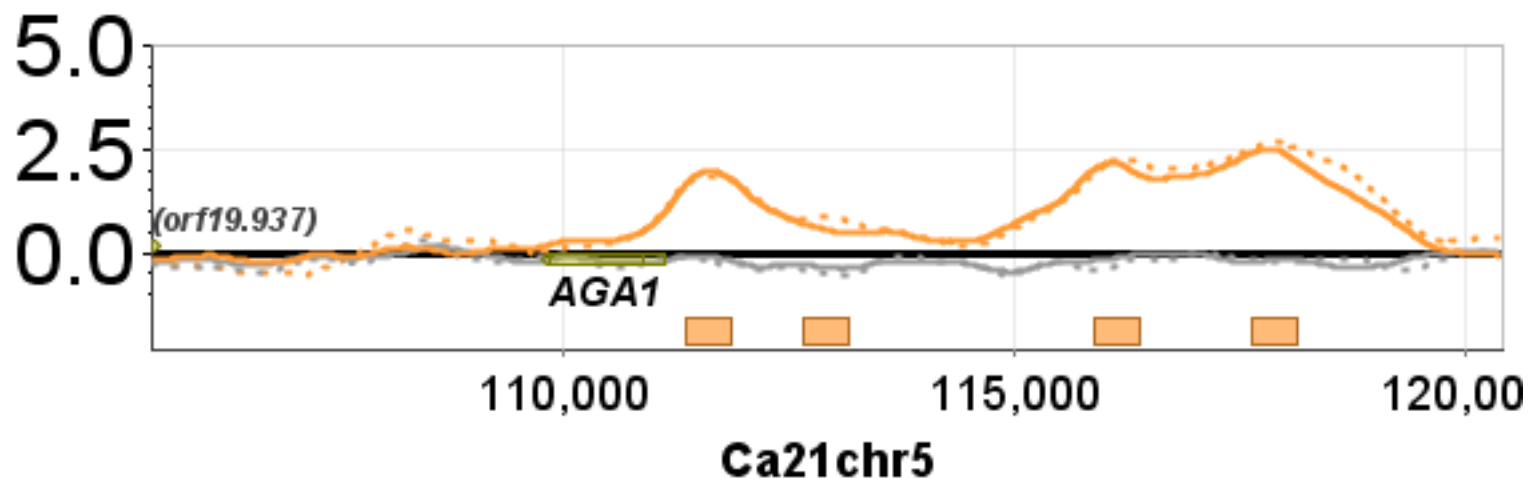
[0.893] Ca21chr7:312424-327423 [+] [FLU1, ntar_1089, orf19.6575, orf19.6578, ntar_1088]



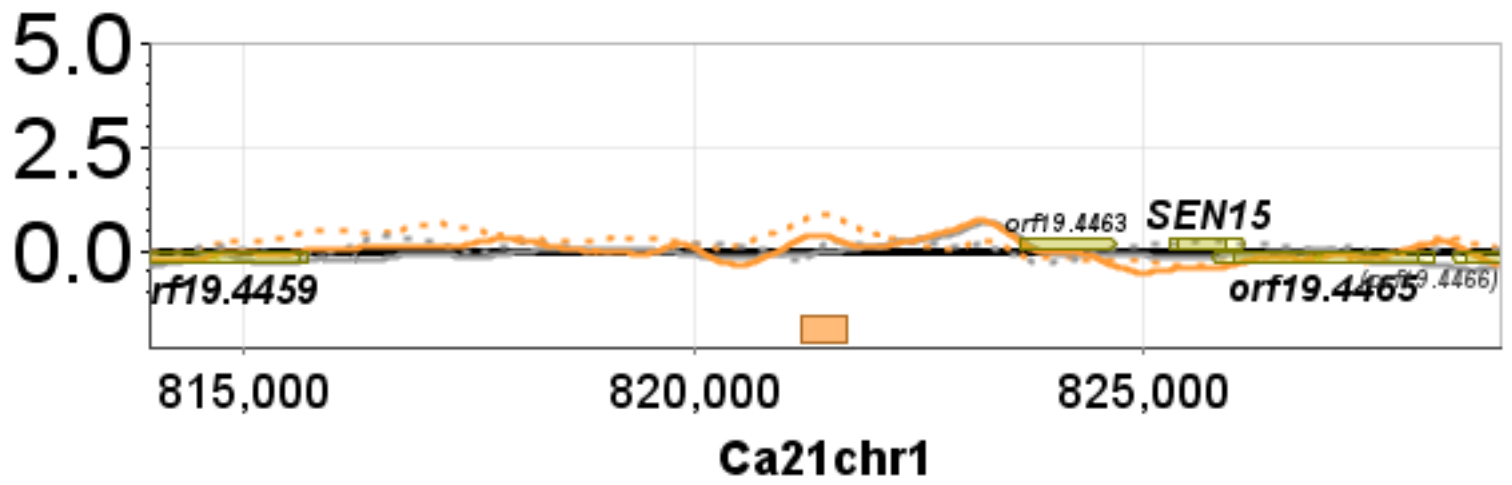
[0.892] Ca21chr6:140602-155601 [+] [orf19.3643, orf19.3644, CTR1, orf19.3647]



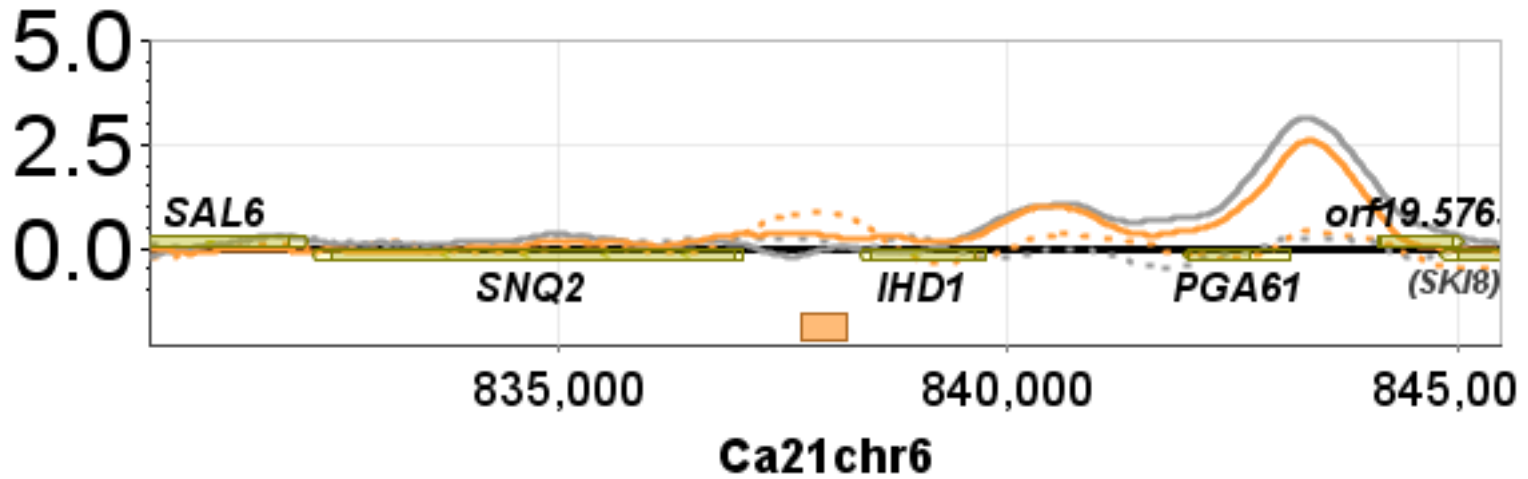
[0.888] Ca21chr5:105413-120412 [+] [AGA1, ntar_854, orf19.936, orf19.937]



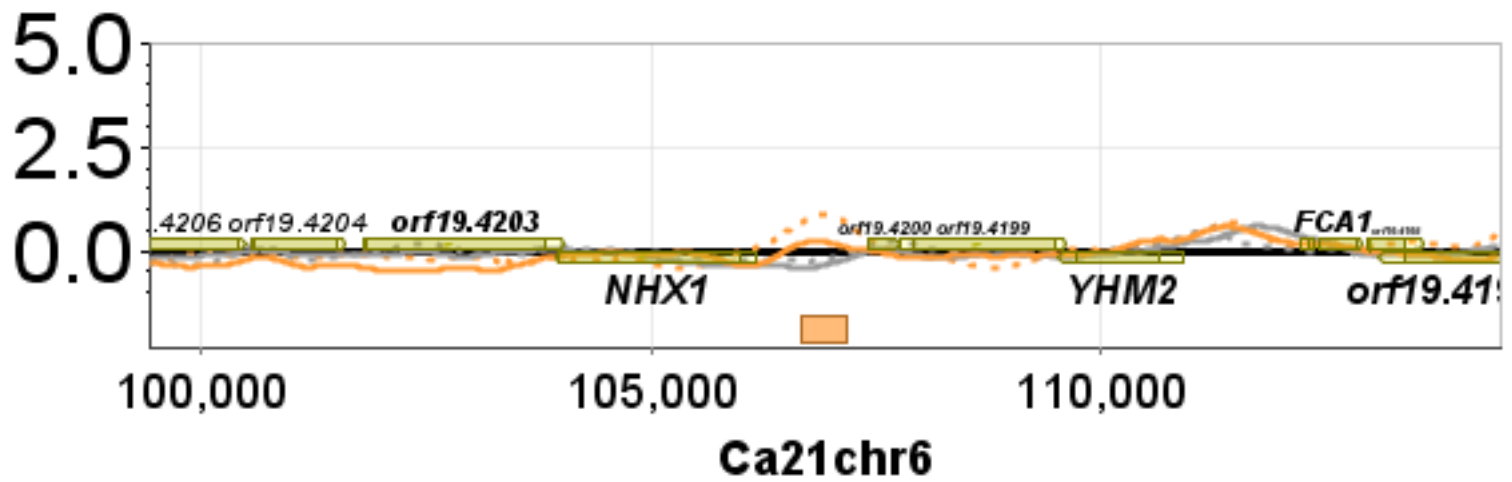
[0.887] Ca21chr1:813952-828951 [+] [orf19.4461, orf19.4463, SEN15, orf19.4459, orf19.4465]



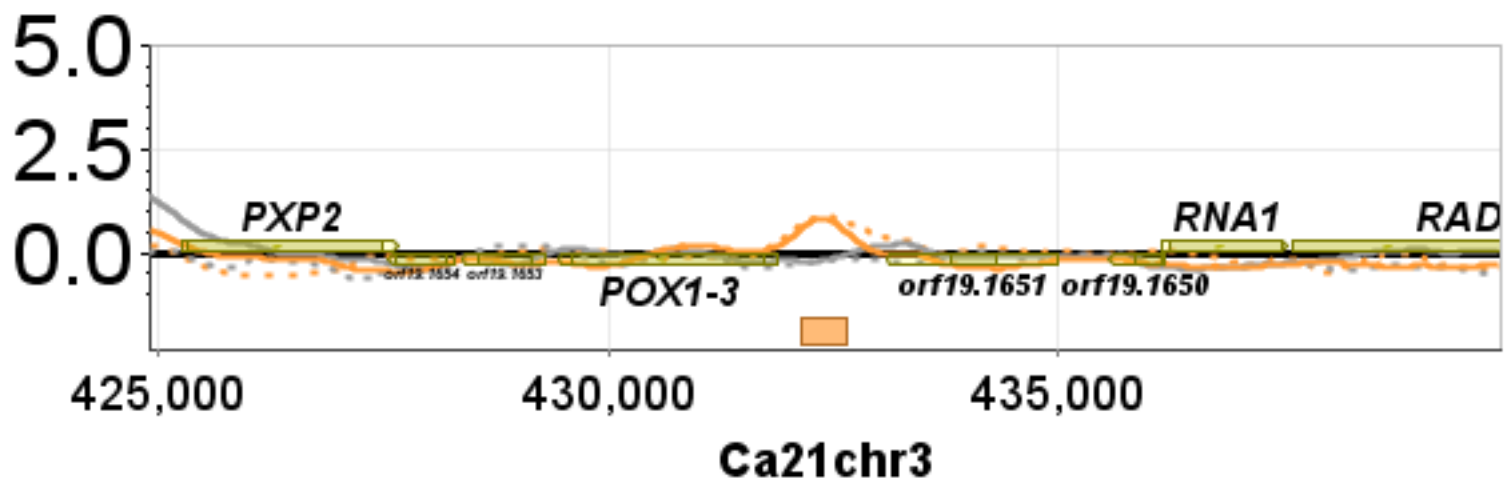
[0.887] Ca21chr6:830458-845457 [+] [Intar_1033, SNQ2, IHD1, PGA61, ta(uqc)2]

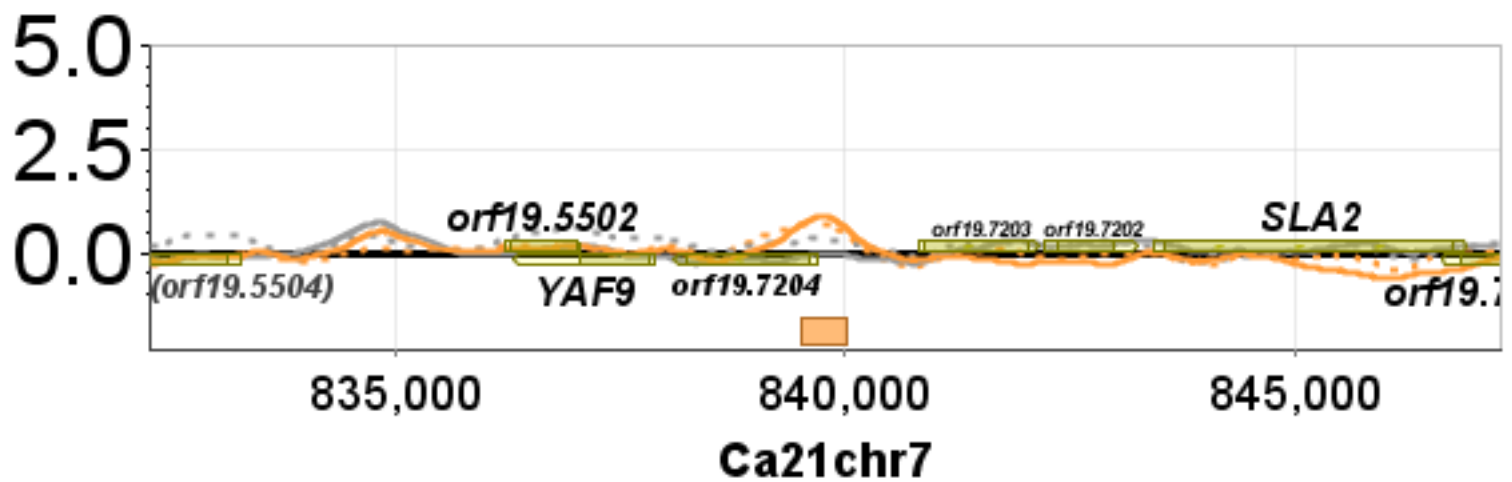
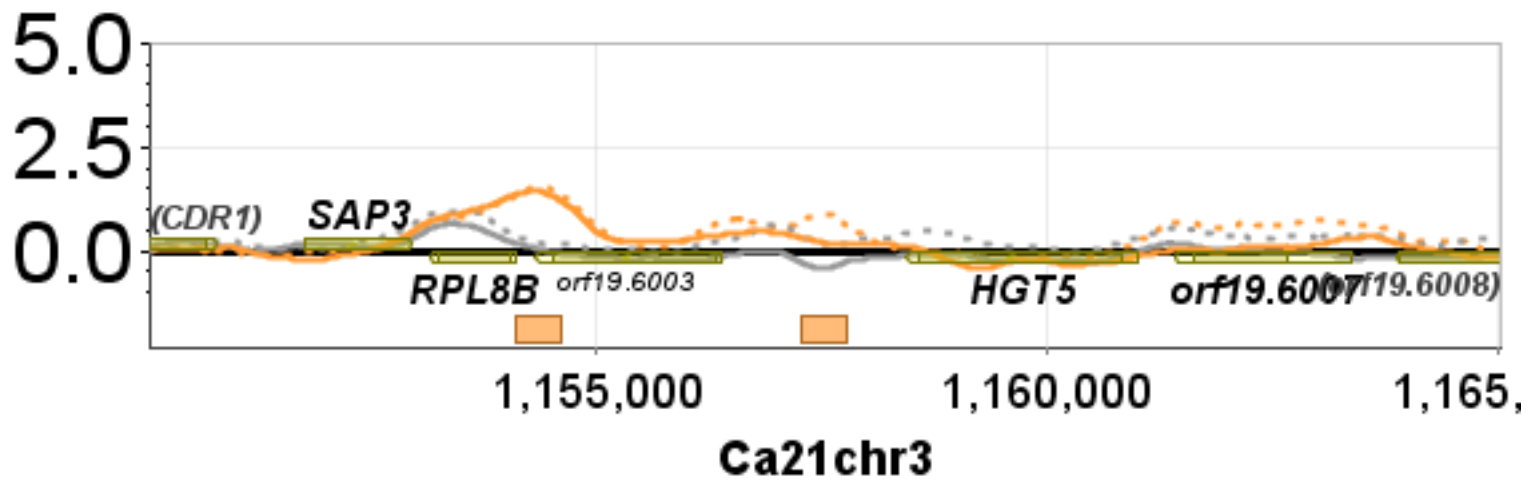
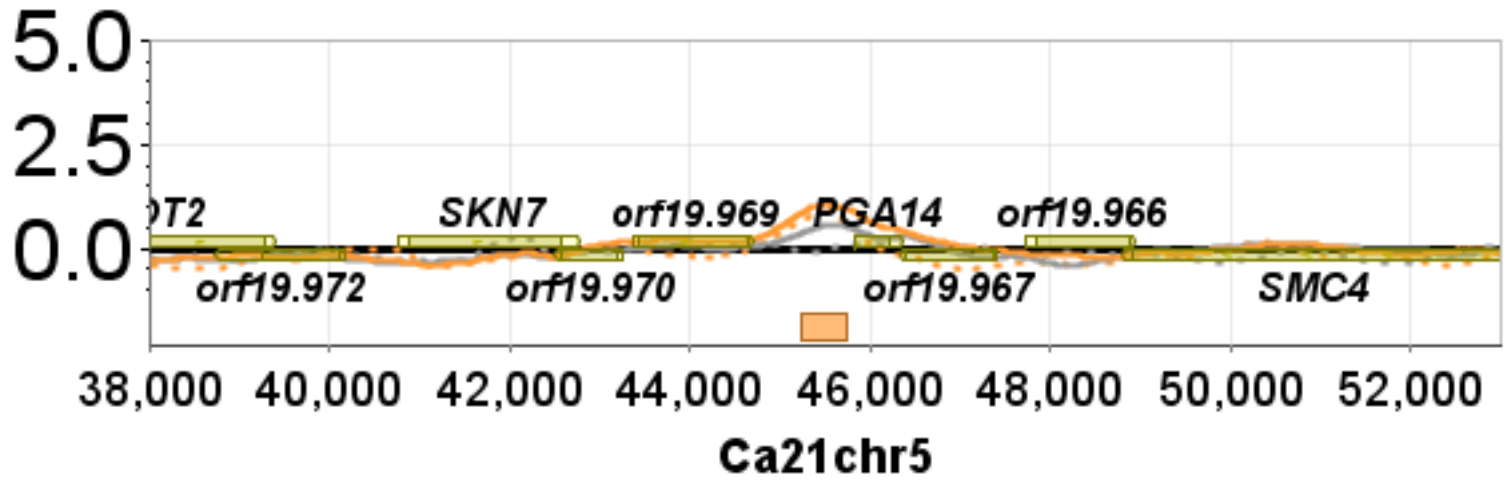
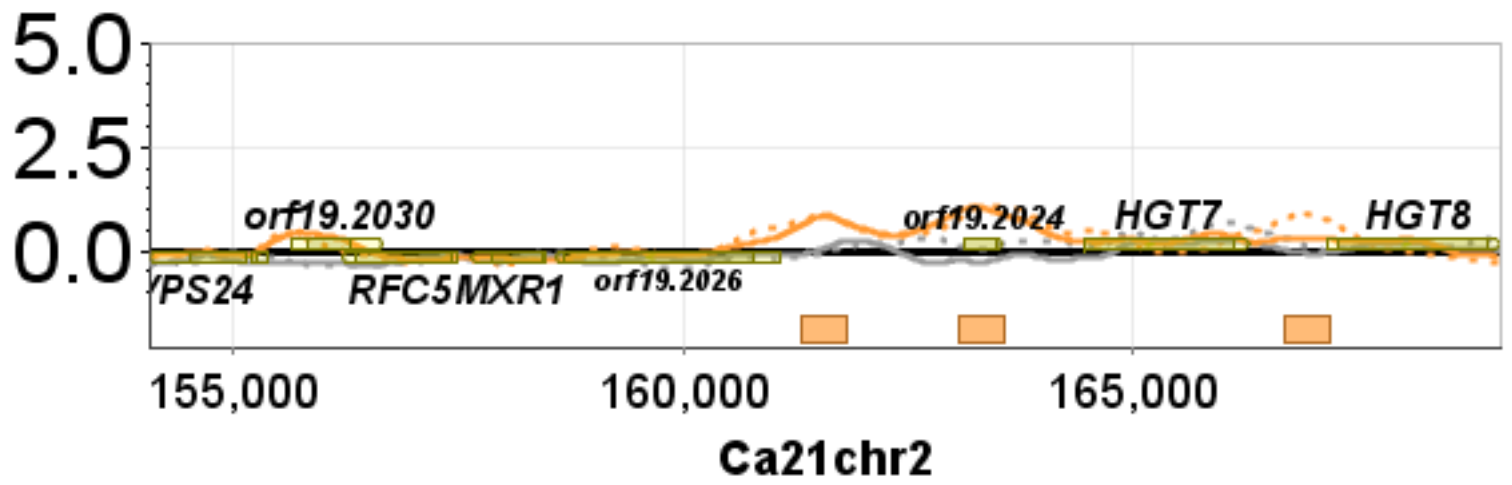


[0.886] Ca21chr6:99427-114426 [+] [orf19.4200, NHX1, orf19.4199, YHM2, orf19.4196]

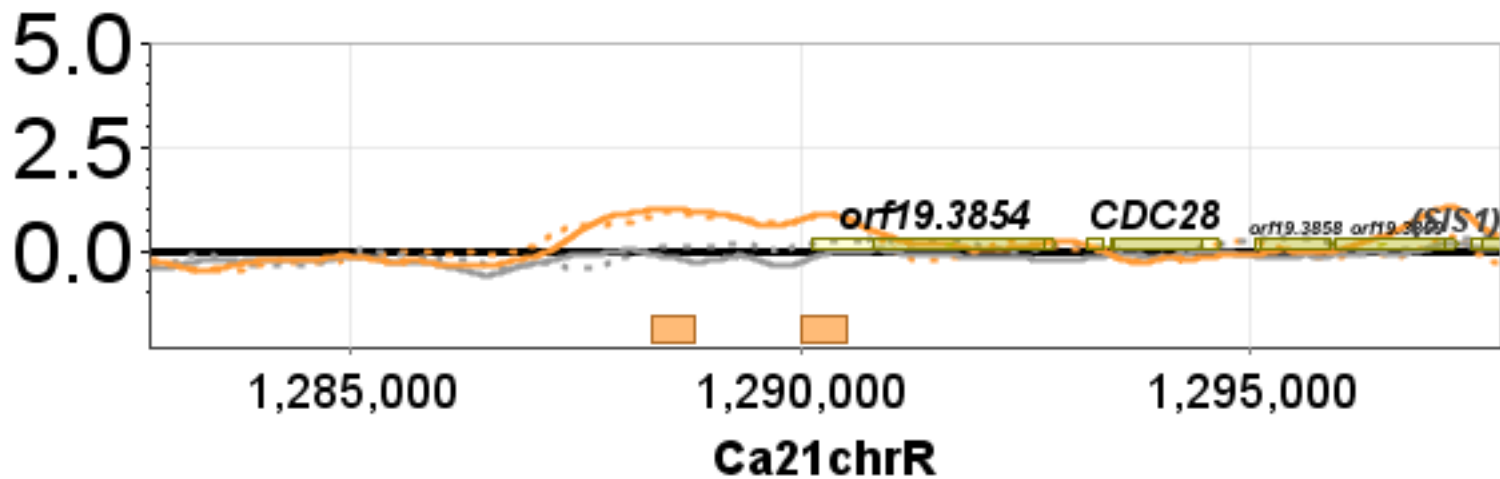


[0.884] Ca21chr3:424900-439899 [+] [POX1-3, ntar_562, orf19.1651, ntar_561, orf19.1653]

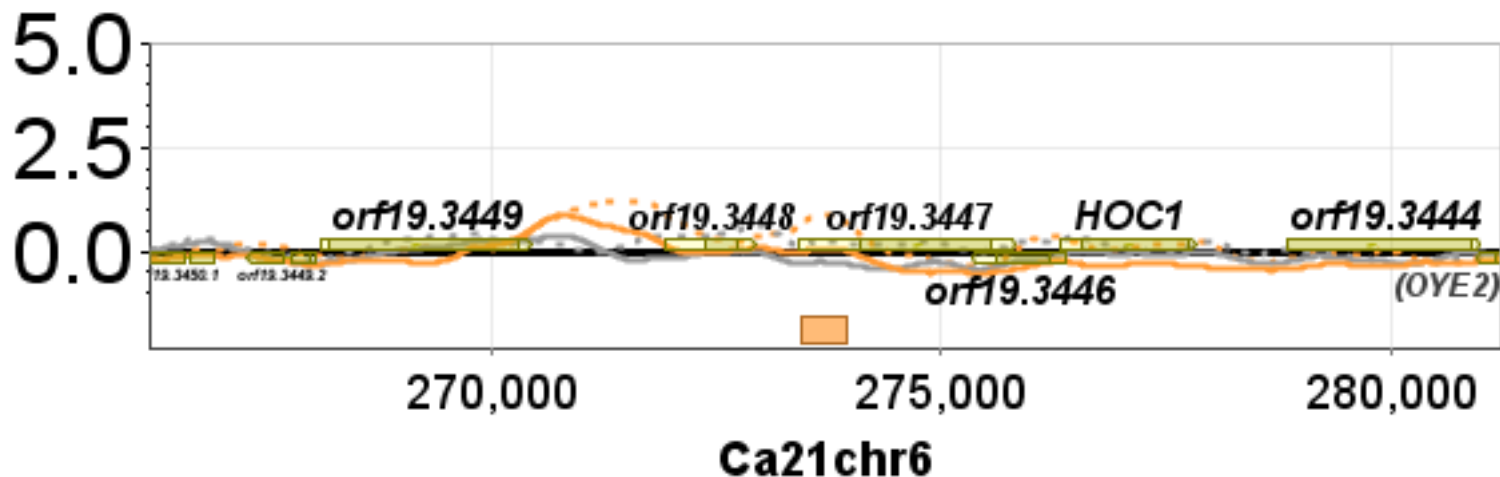




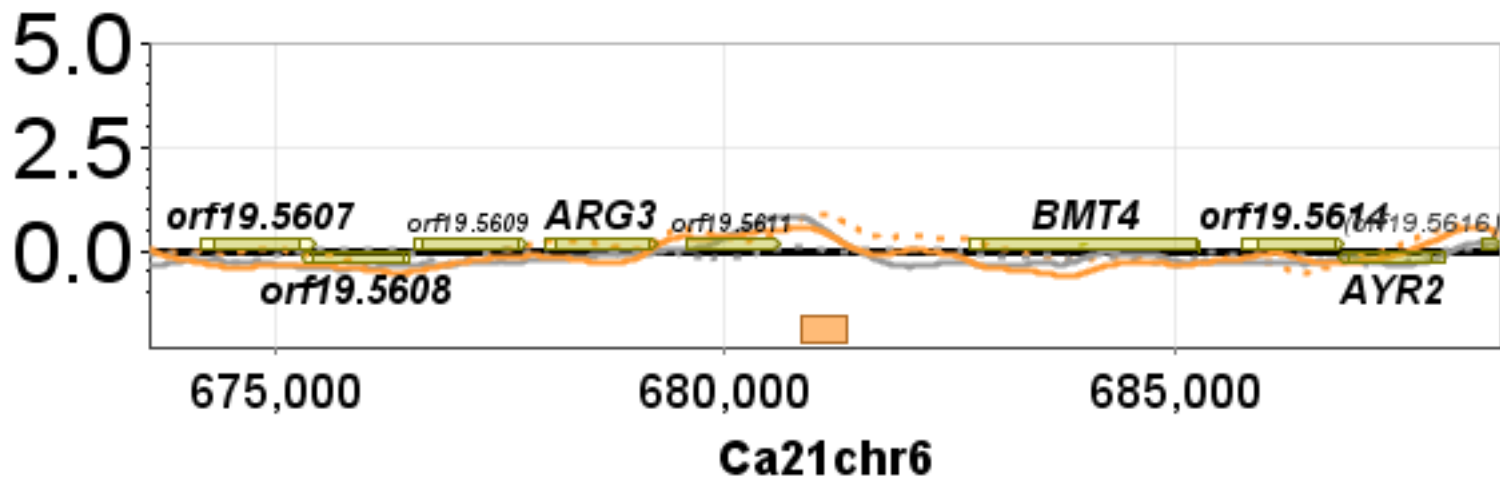
[0.879] Ca21chrR:1282758-1297757 [+] [orf19.3854, CDC28, orf19.3858, orf19.3852, orf19.3859]



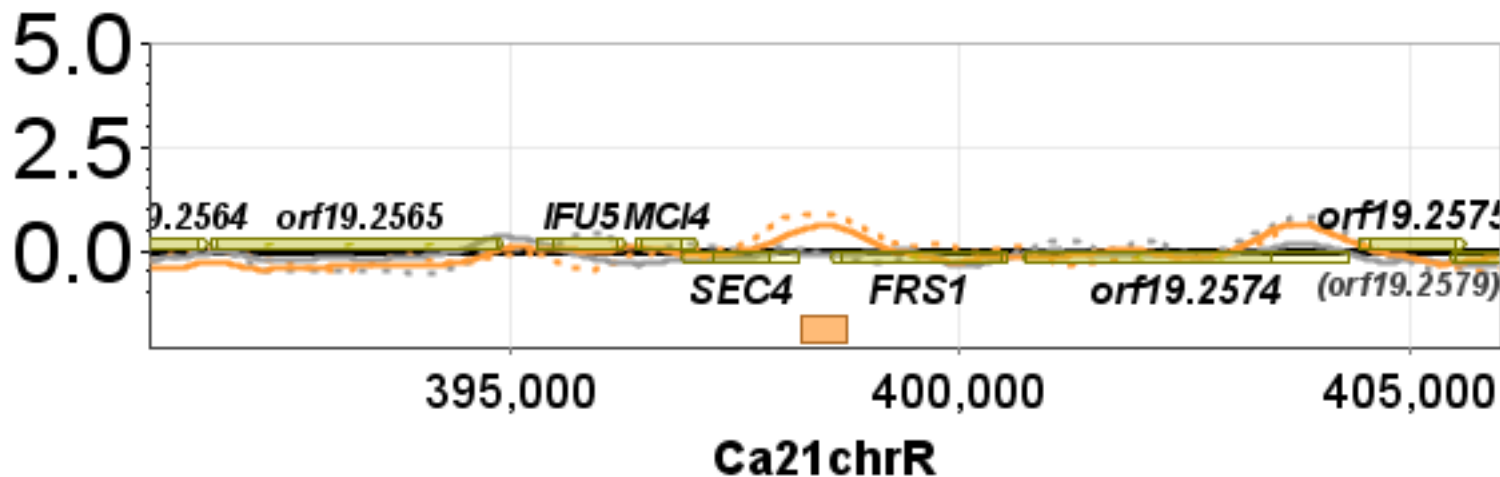
[0.876] Ca21chr6:266206-281205 [+] [ntar_982, orf19.3447, ntar_983, orf19.3448, HOC1]



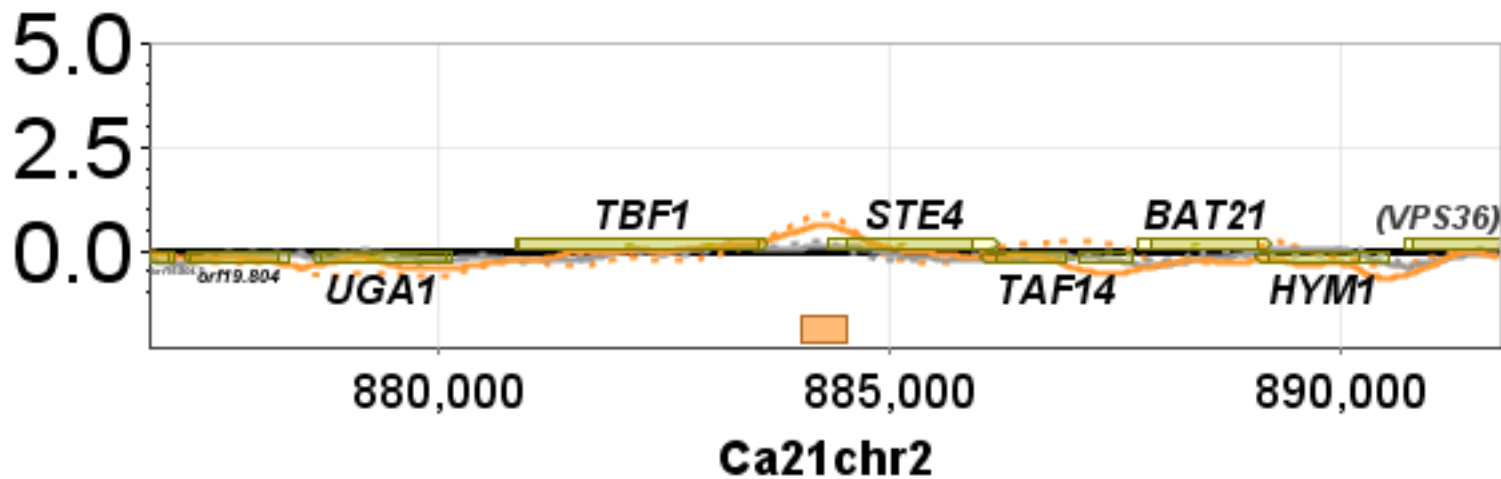
[0.876] Ca21chr6:673598-688597 [+] [ntar_1018, orf19.5611, BMT4, ntar_1019, ARG3]



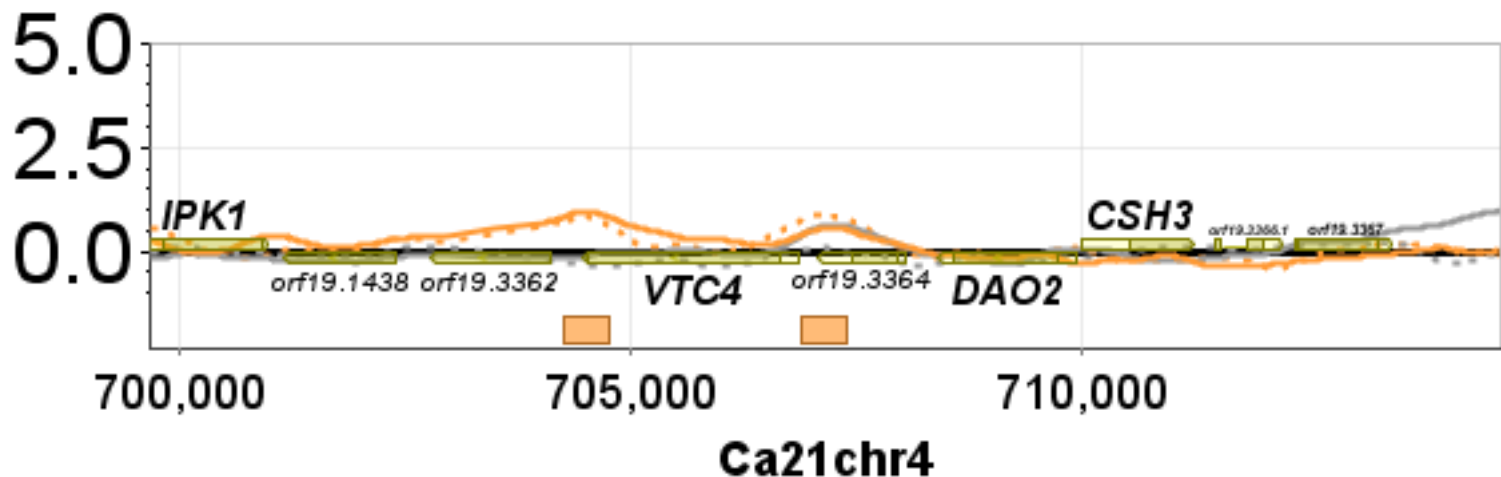
[0.873] Ca21chrR:390994-405993 [+] [SEC4, FRS1, MCI4, IFU5, ntar_1195]



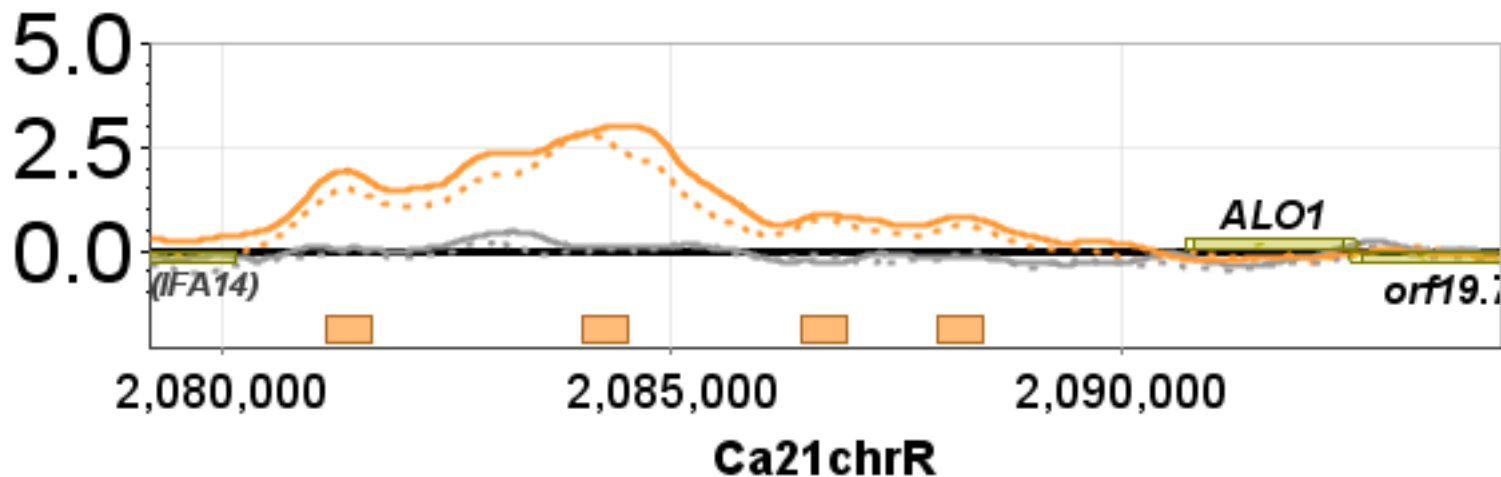
[0.871] Ca21chr2:876773-891772 [+] [STE4, ntar_362, ntar_363, ntar_364, ntar_365]



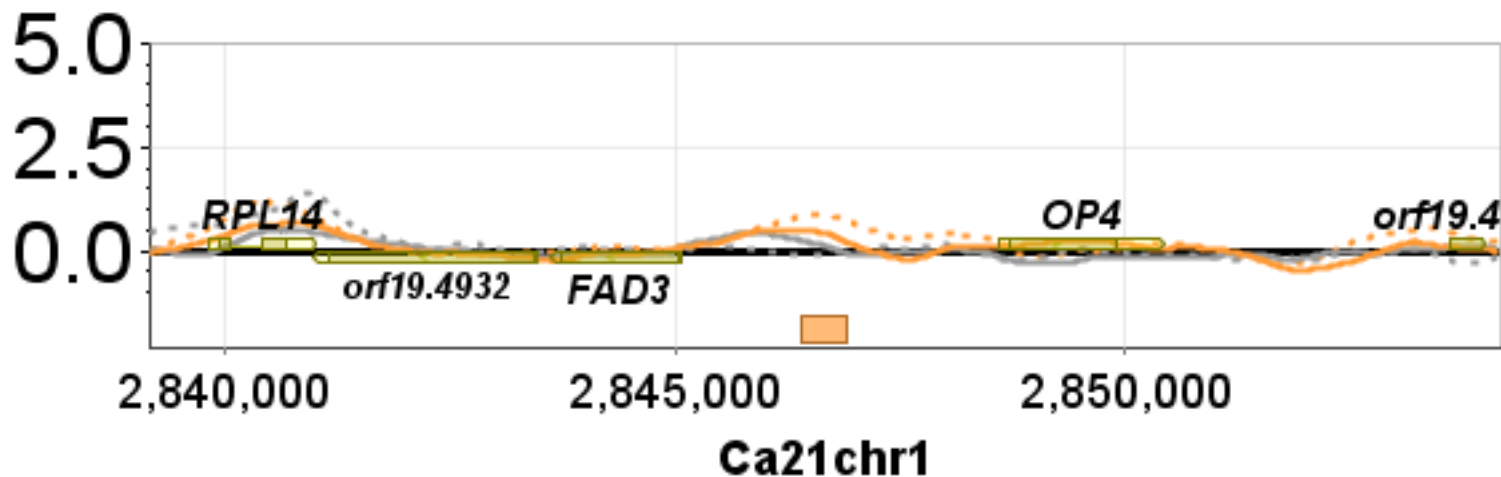
[0.871] Ca21chr4:699650-714649 [+] [VTC4, orf19.3364, DAO2, CSH3, orf19.3362]



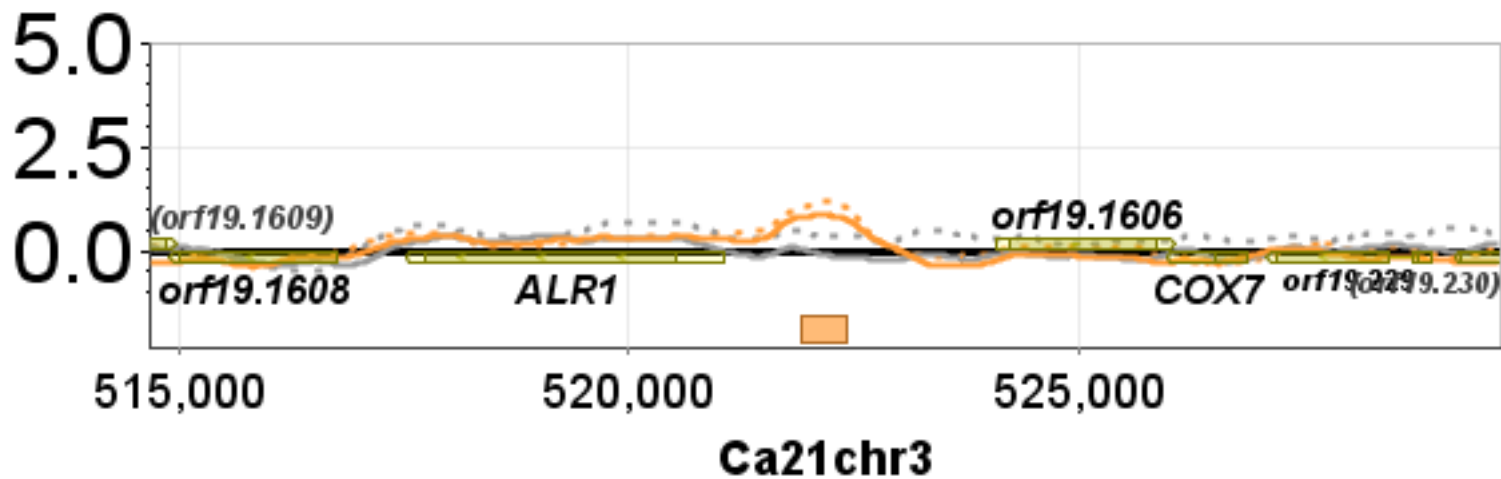
[0.871] Ca21chrR:2079199-2094198 [+] [ntar_1399, ntar_1398, ntar_1400, ntar_1397.1, ntar_1400.50]



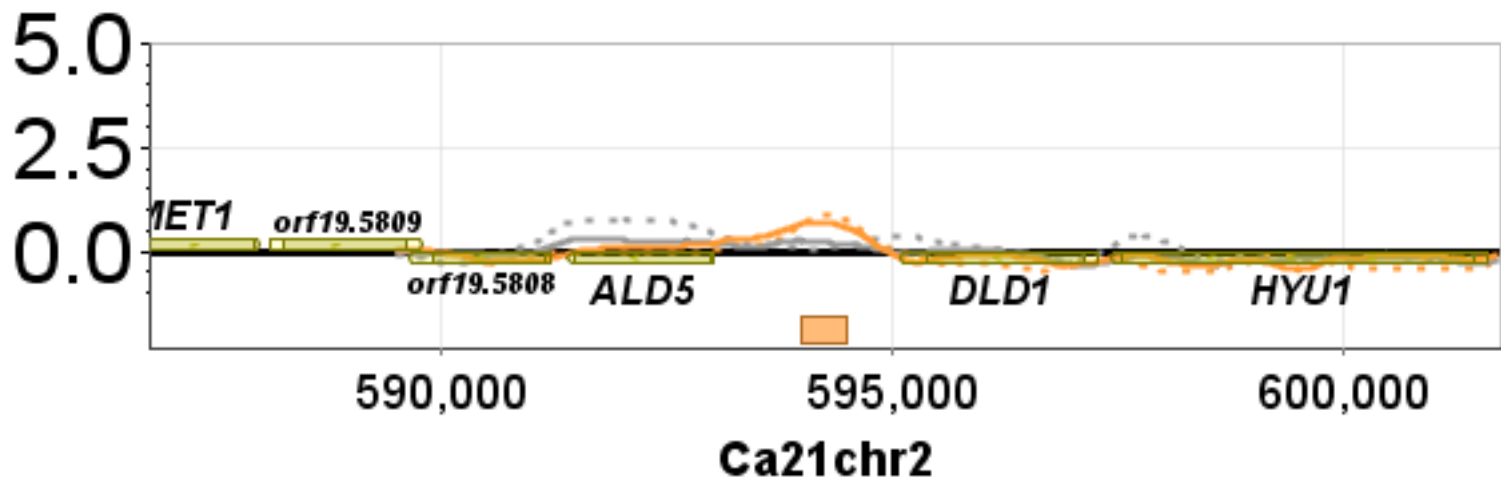
[0.868] Ca21chr1:2839157-2854156 [+] [FAD3, OP4, orf19.4932, RPL14, orf19.4936]



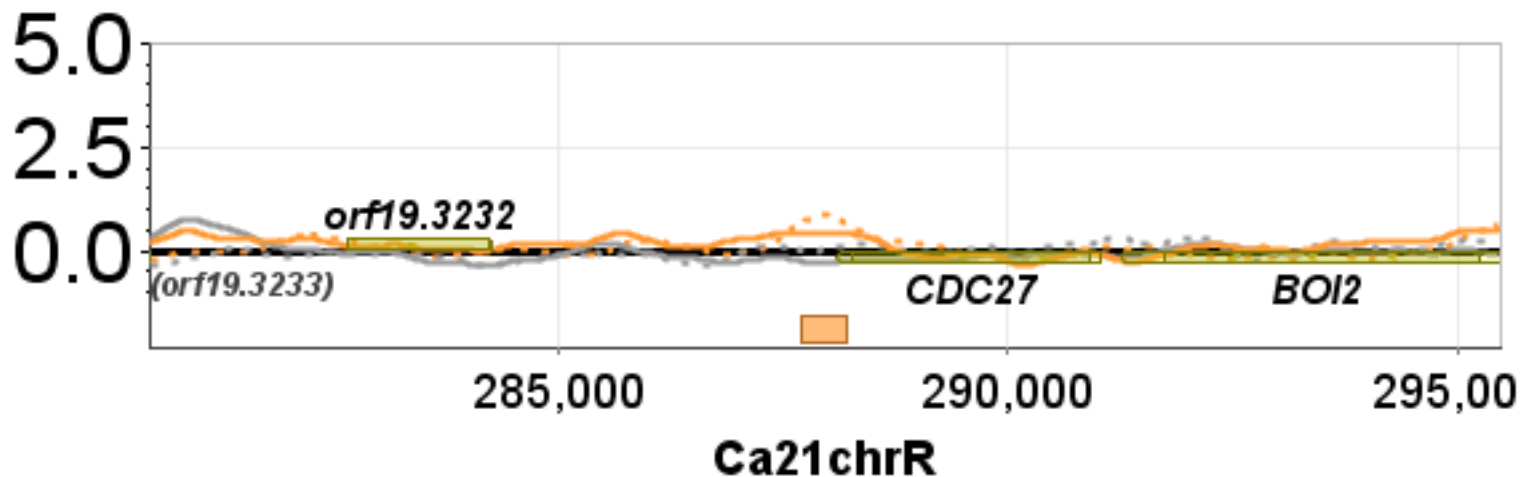
[0.867] Ca21chr3:514670-529669 [+] [ntar_568, ALR1, orf19.1606, COX7, ntar_569]



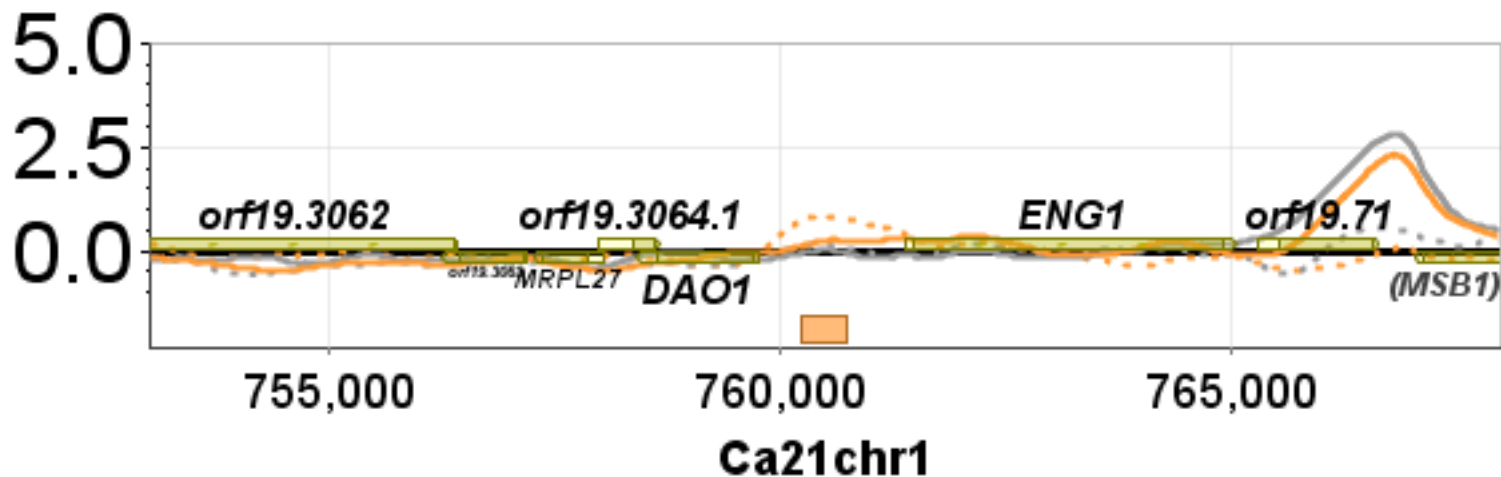
[0.863] Ca21chr2:586746-601745 [+] [ALD5, orf19.5808, DLD1, orf19.5809, HYU1]



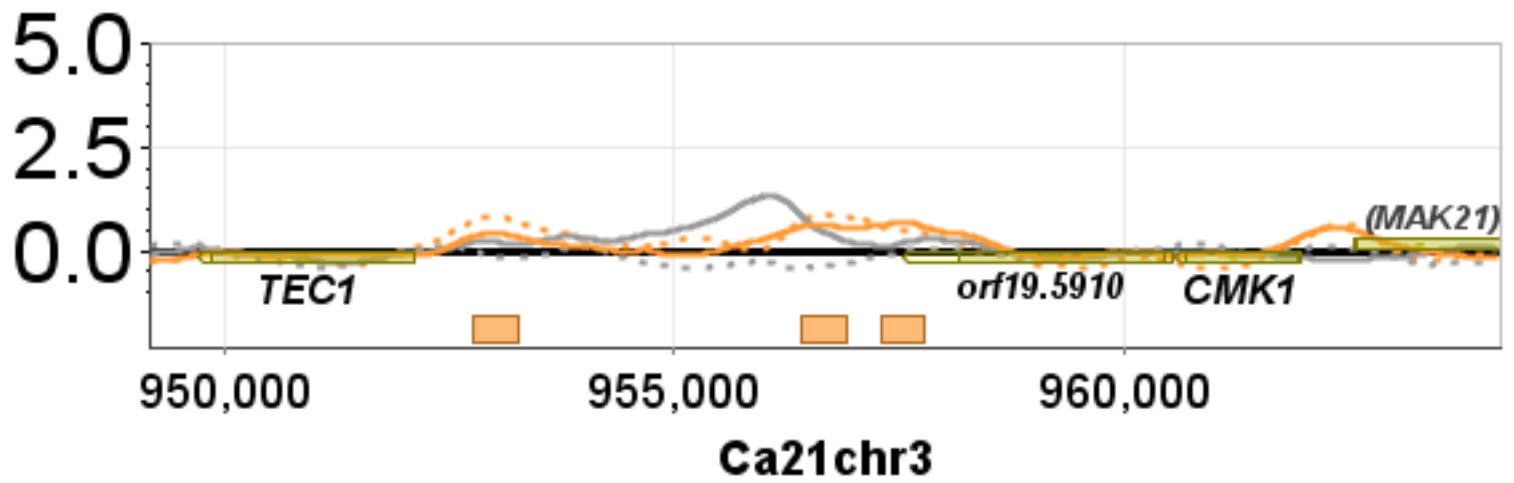
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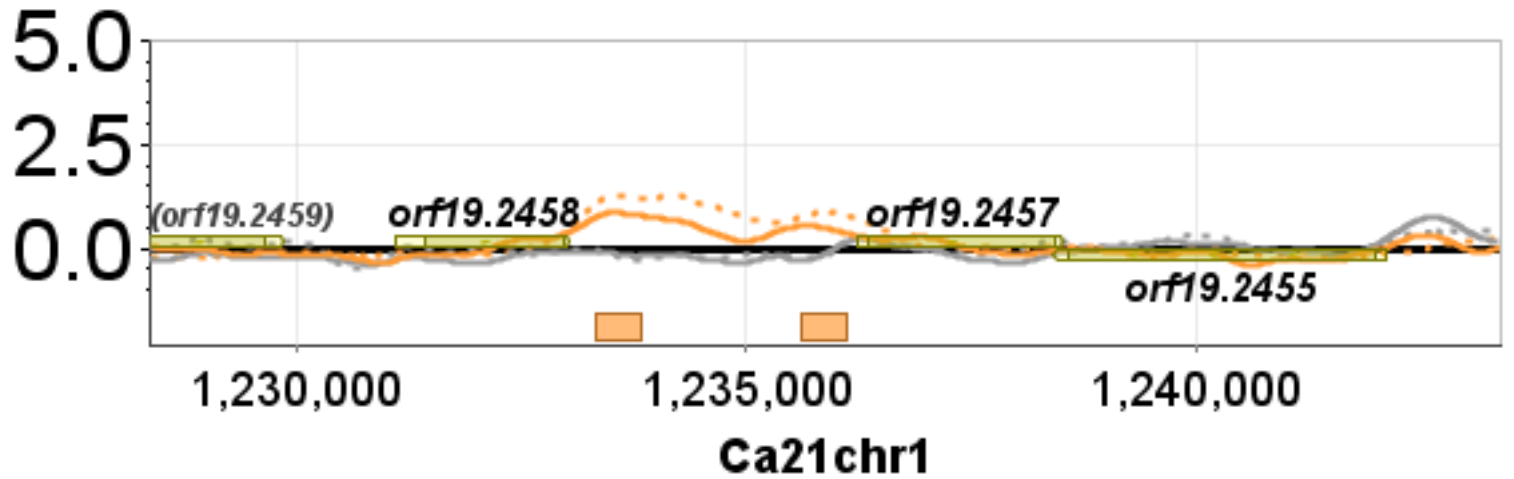
[0.858] Ca21chr1:752993-767992 [+] [DAO1, ENG1, MRPL27, orf19.3064.1, orf19.3063]



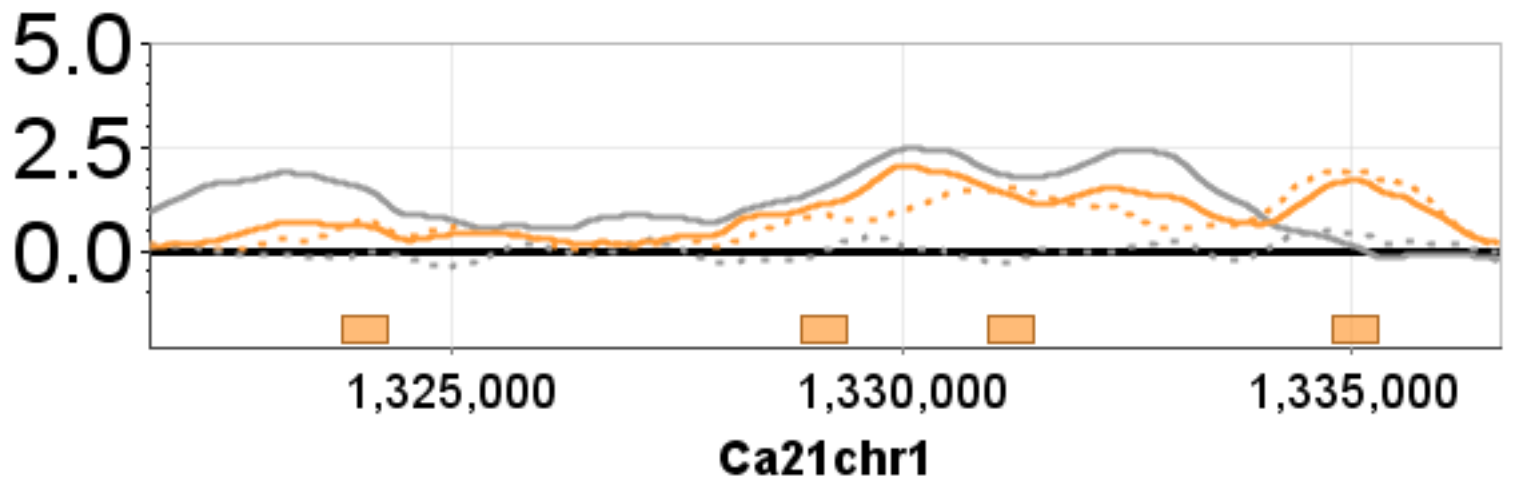
[0.857] Ca21chr3:949167-964166 [+] [orf19.5910, TEC1, CMK1, MAK21]



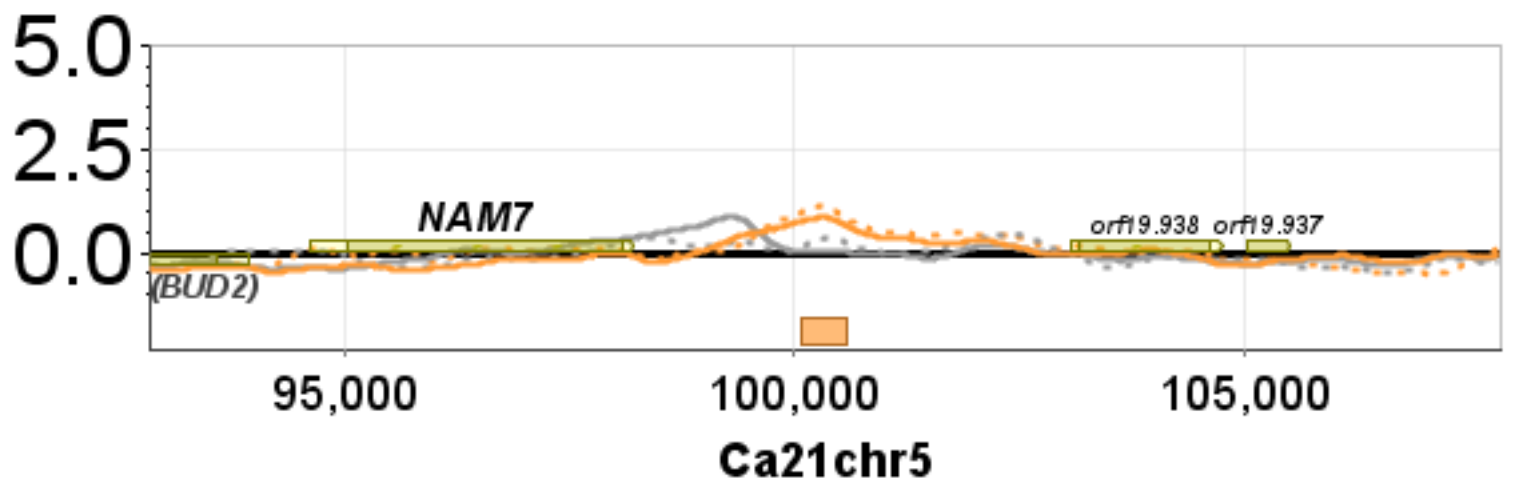
[0.853] Ca21chr1:1228367-1243366 [+] [orf19.2457, orf19.2458, orf19.2455, ntar_121, orf19.2459]



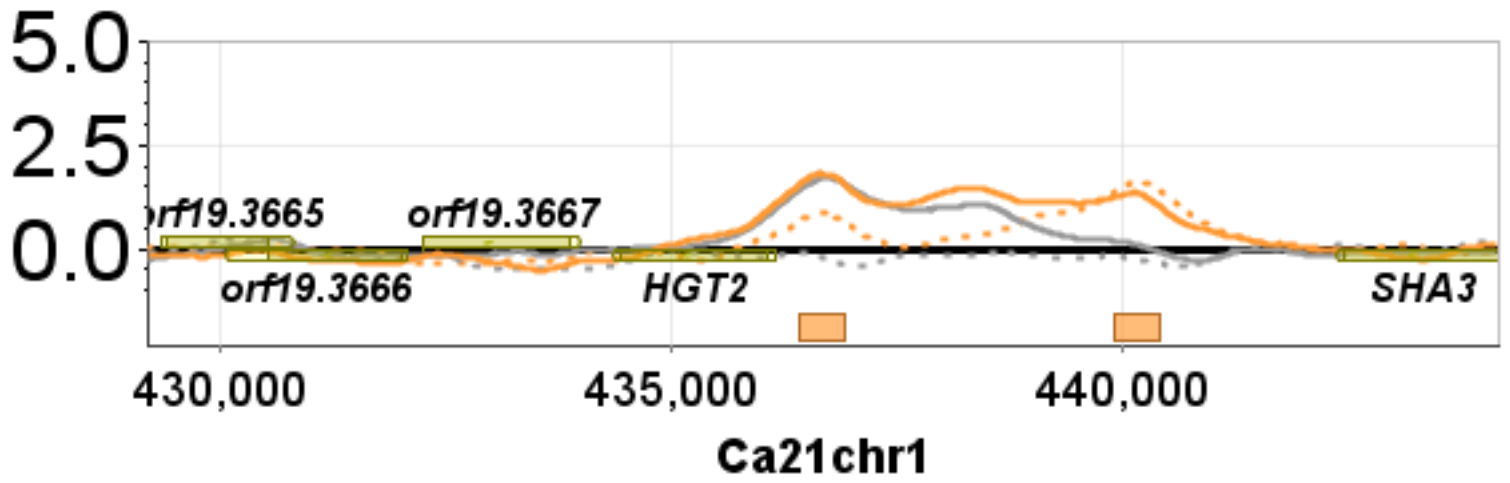
[0.853] Ca21chr1:1321636-1336635 [+] [orf19.1821, ntar_127]



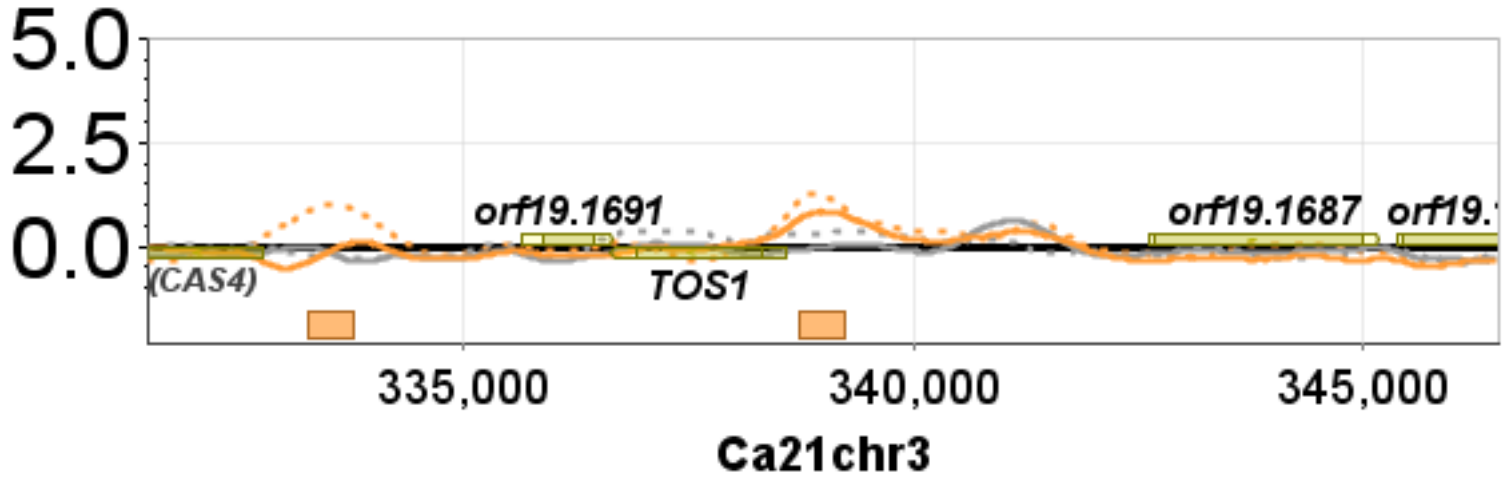
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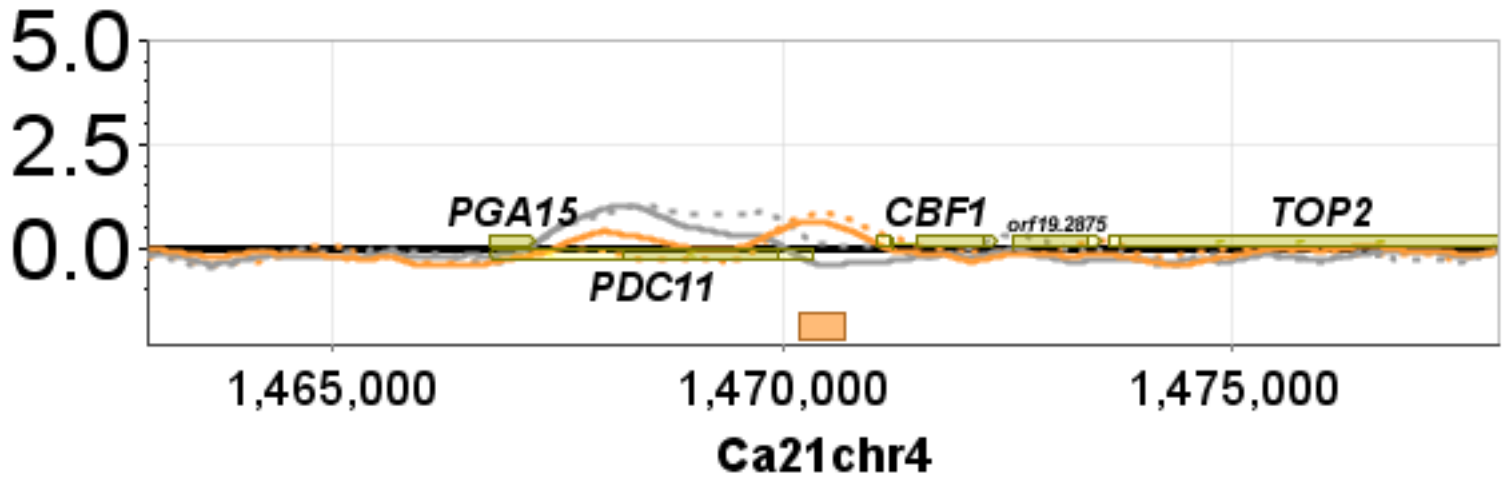
[0.849] Ca21chr1:429175-444174 [+] [HGT2, ntar_41, ntar_40, orf19.3667, orf19.3666]



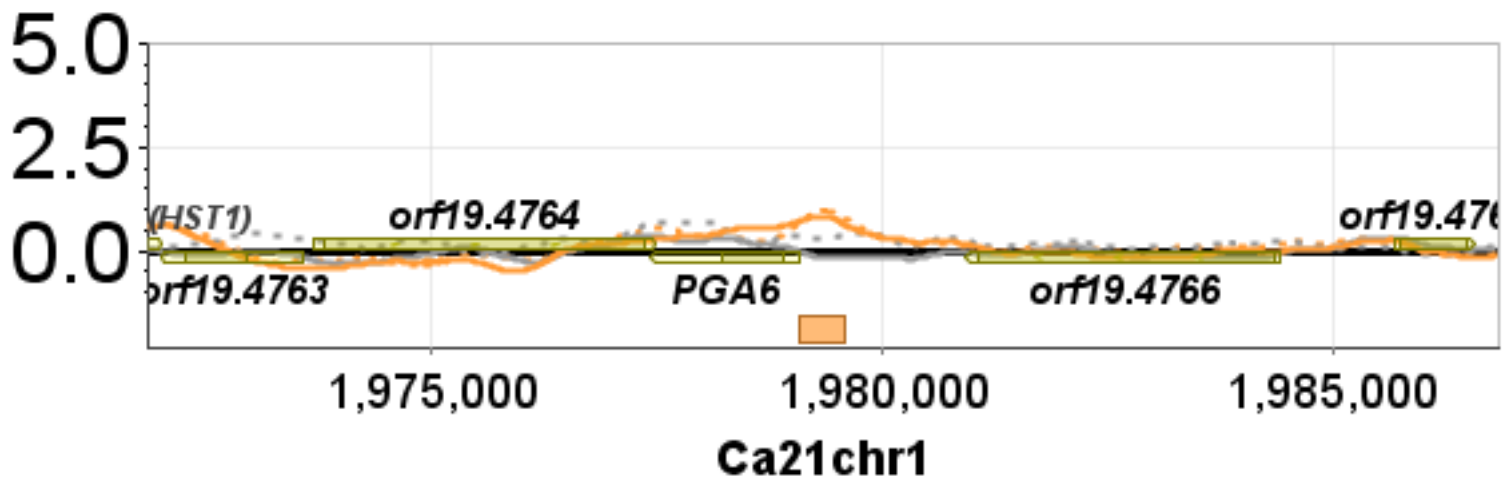
[0.849] Ca21chr3:331485-346484 [+] [TOS1, orf19.1691, orf19.1687, ntar_553, ntar_552]



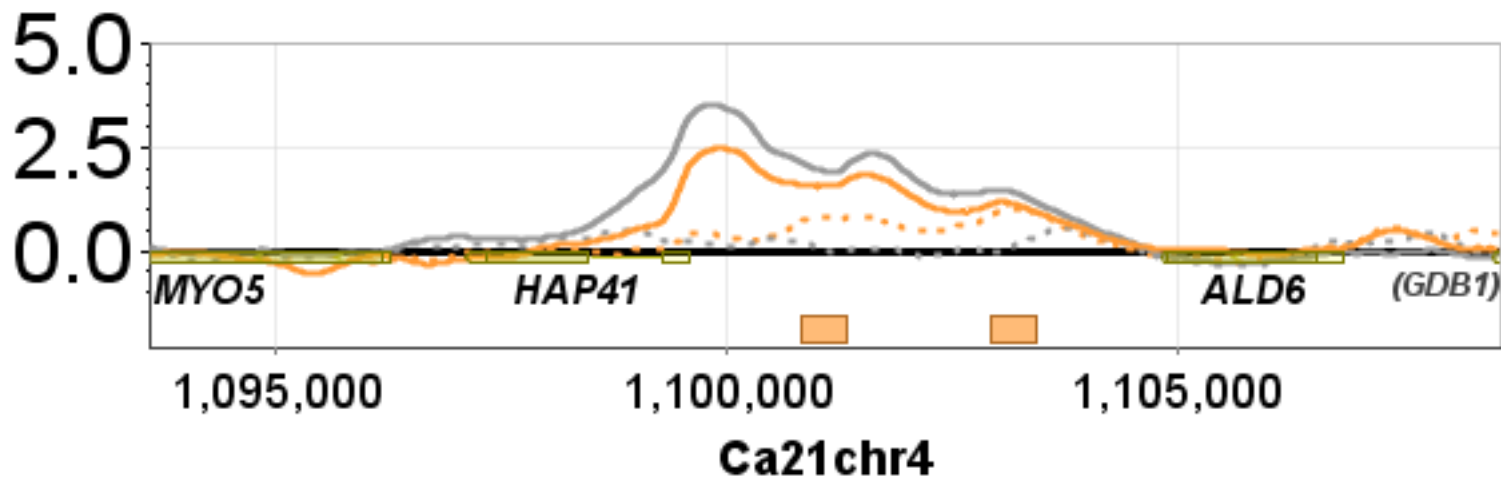
[0.843] Ca21chr4:1462944-1477943 [+] [PDC11, CBF1, orf19.2875, TOP2, PGA15]



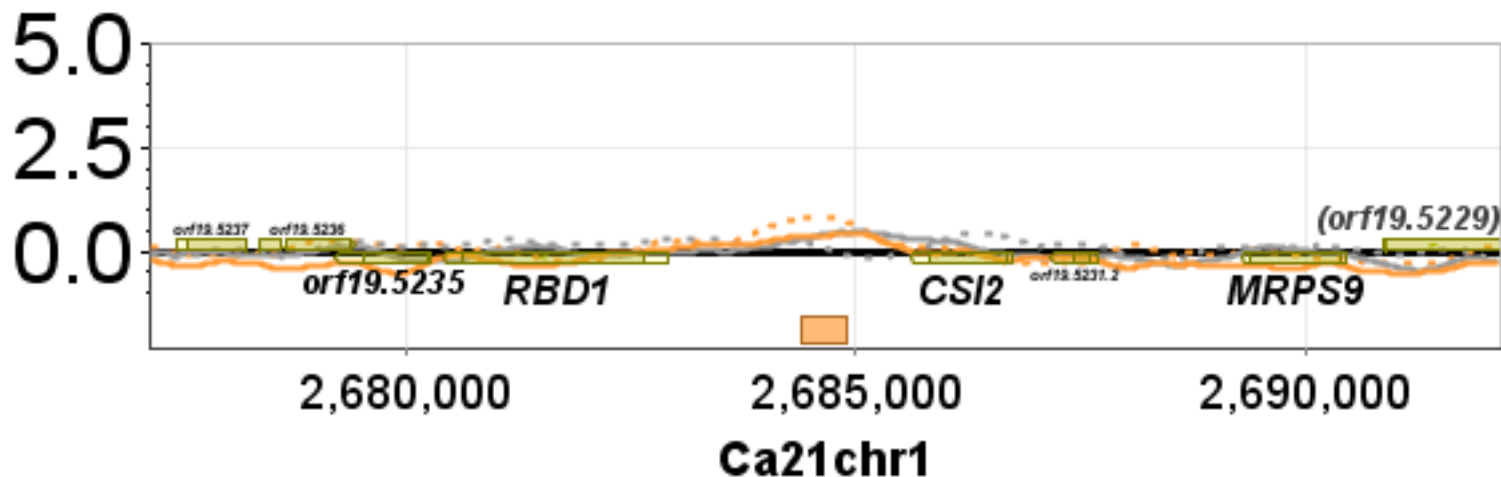
[0.839] Ca21chr1:1971833-1986832 [+] [PGA6, orf19.4766, orf19.4764, orf19.4763, ntar_186]



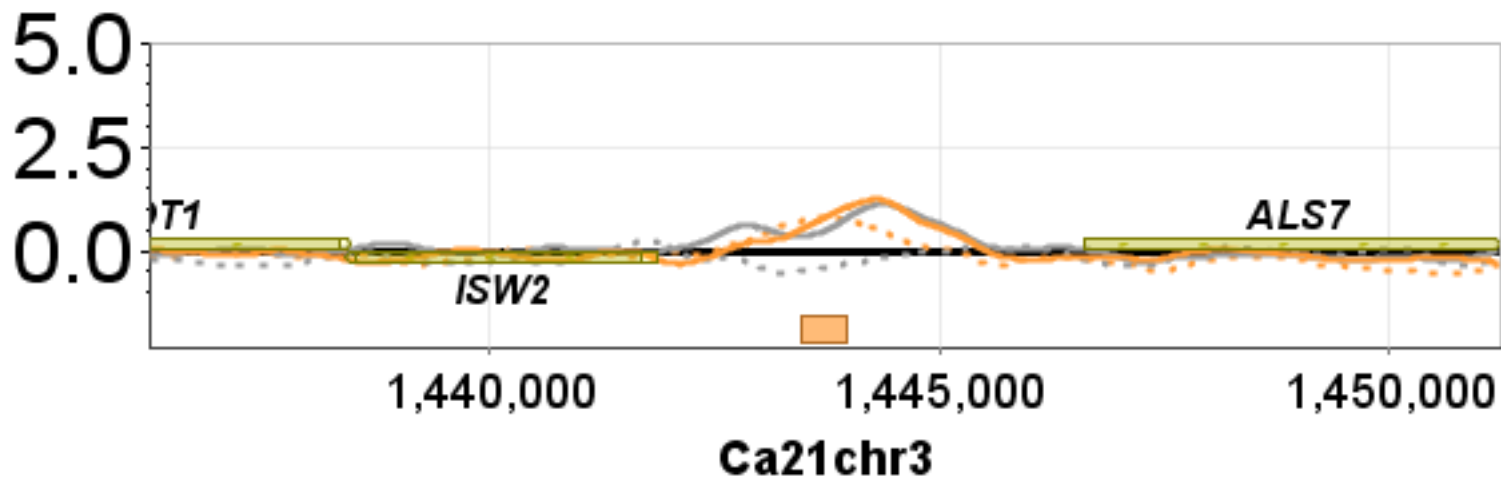
[0.836] Ca21chr4:1093578-1108577 [+] [ntar_805, ntar_804, ntar_806, HAP41, ntar_807]



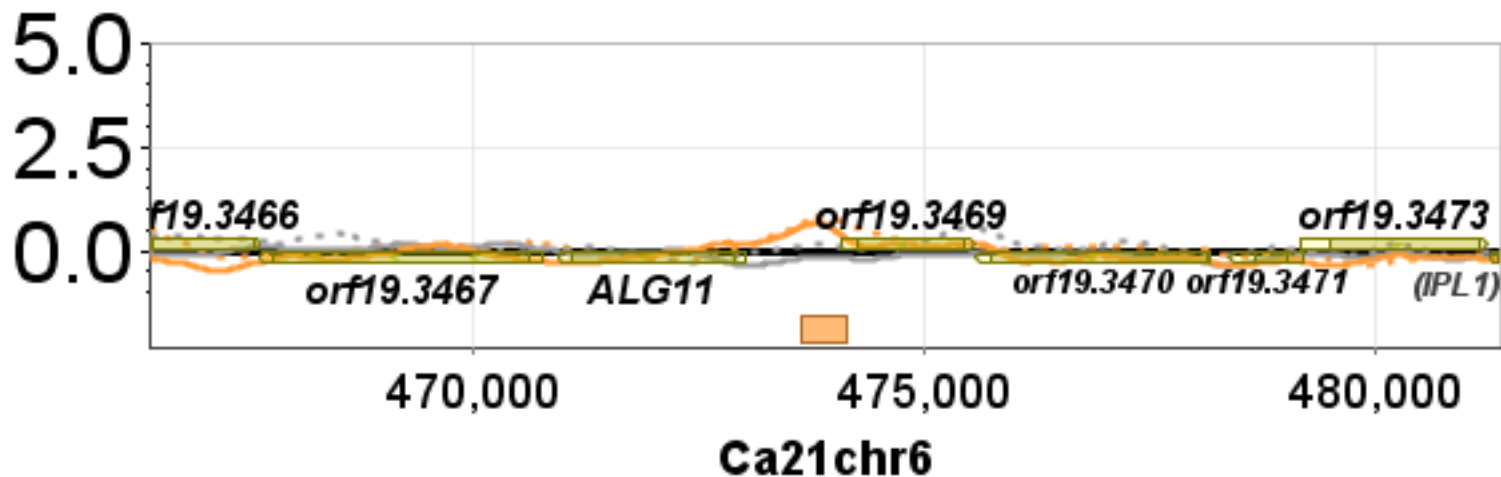
[0.834] Ca21chr1:2677154-2692153 [+] [orf19.5233, RBD1, CSI2, orf19.5231.2, orf19.5231]



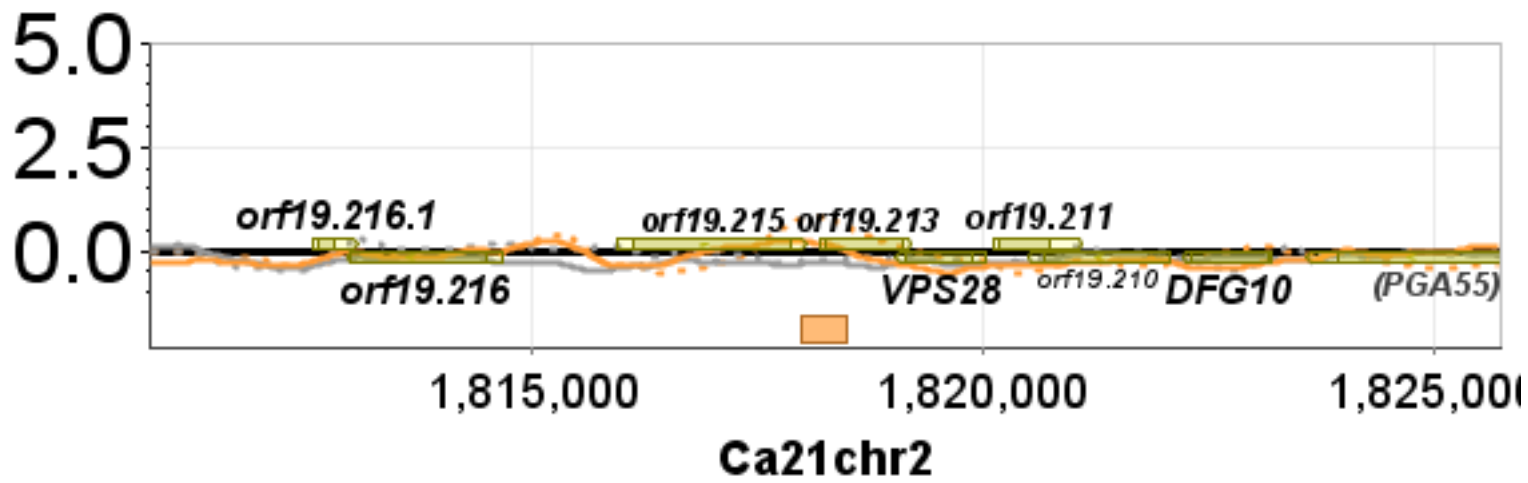
[0.831] Ca21chr3:1436218-1451217 [+] [ntar_656, ISW2, ALS7, DOT1]



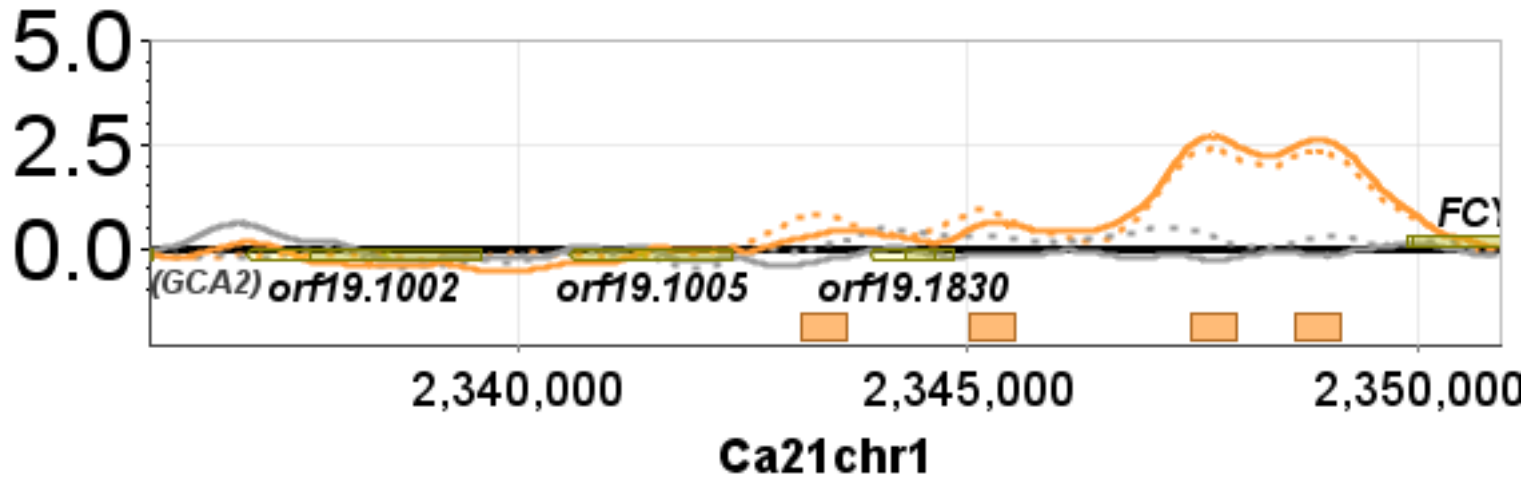
[0.828] Ca21chr6:466392-481391 [+] [orf19.3469, ALG11, orf19.3467, orf19.3470, orf19.3473]



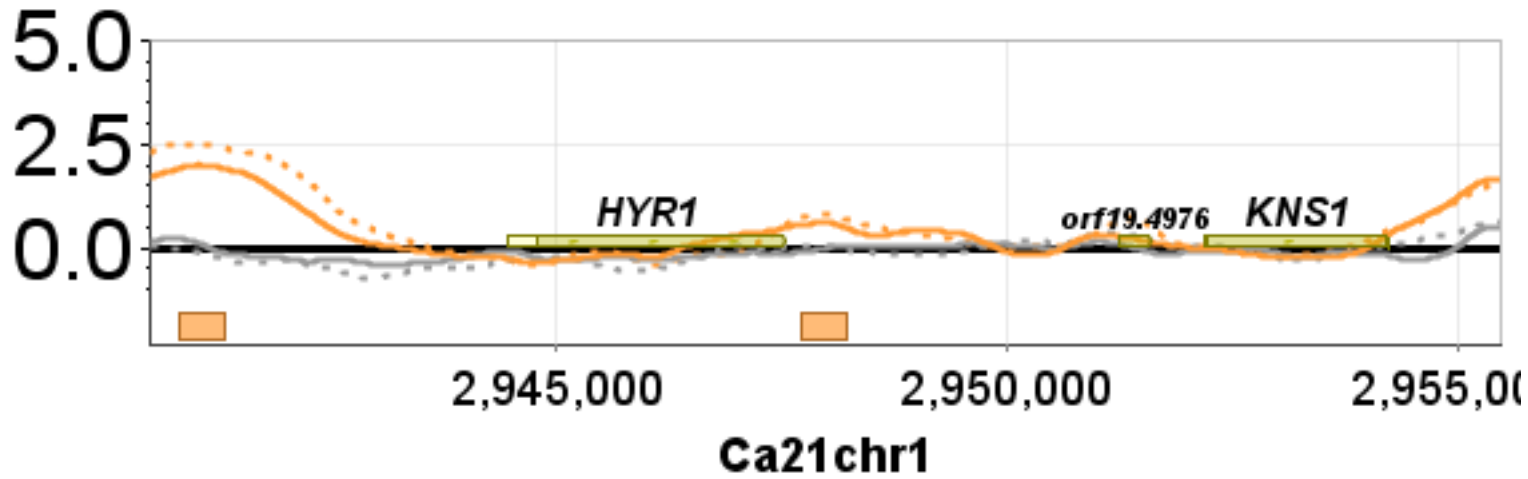
[0.824] Ca21chr2:1810739-1825738 [+] [orf19.213, VPS28, orf19.211, orf19.215, orf19.216]



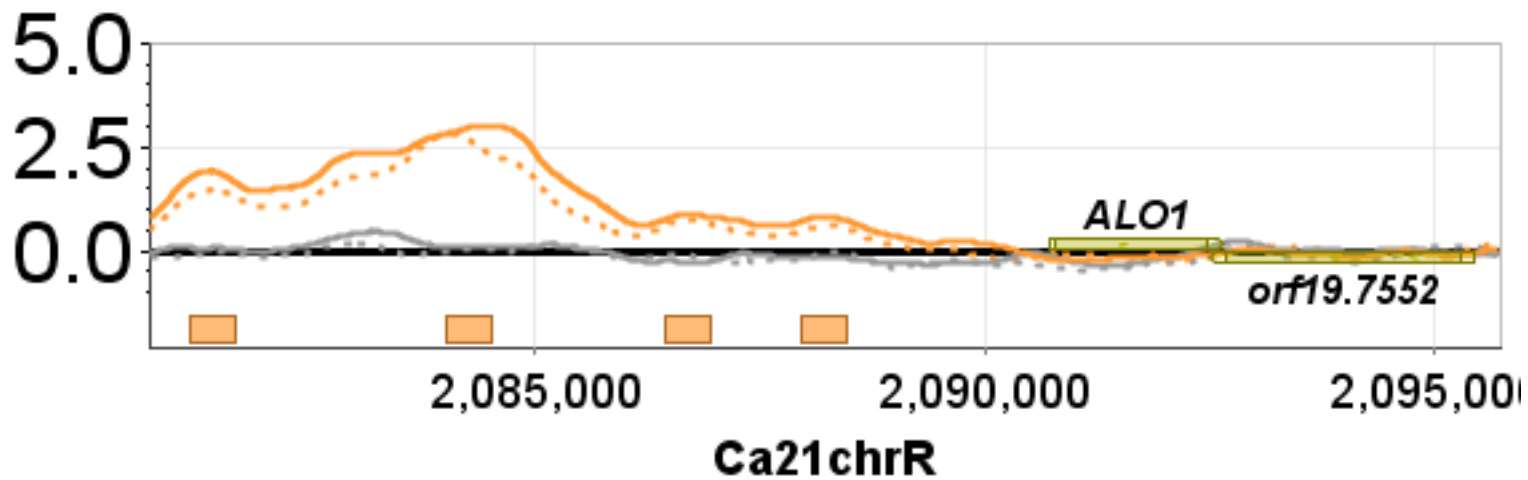
[0.823] Ca21chr1:2335901-2350900 [+] [orf19.1005, orf19.1830, ntar_220, ntar_221, ntar_219]



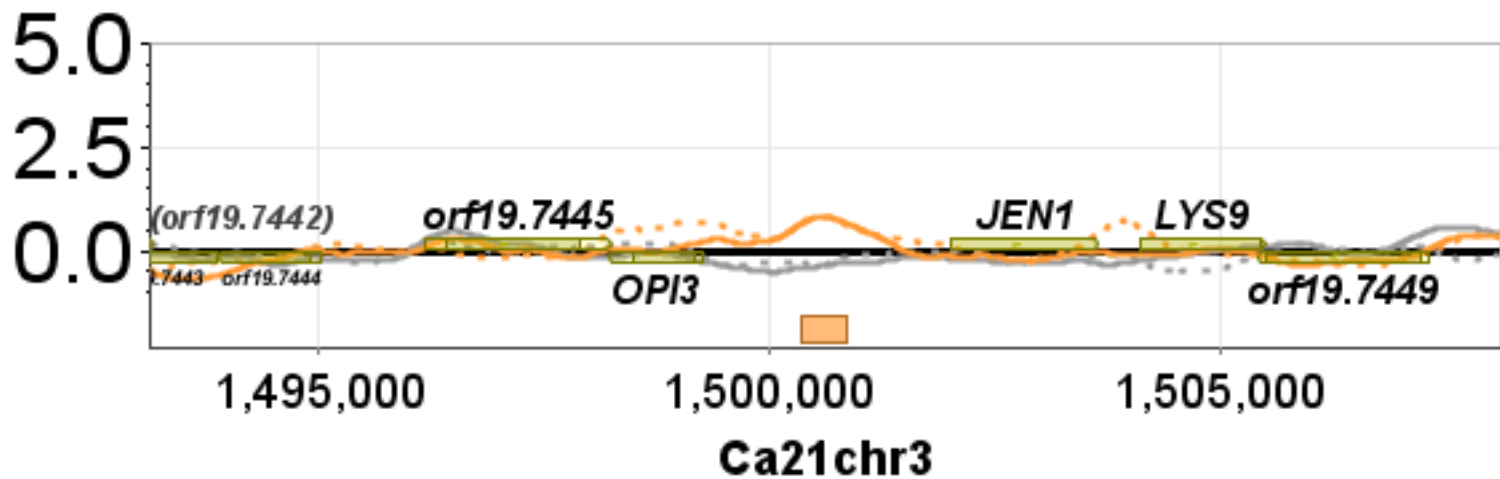
[0.822] Ca21chr1:2940472-2955471 [+] [orf19.4976, HYR1, KNS1]



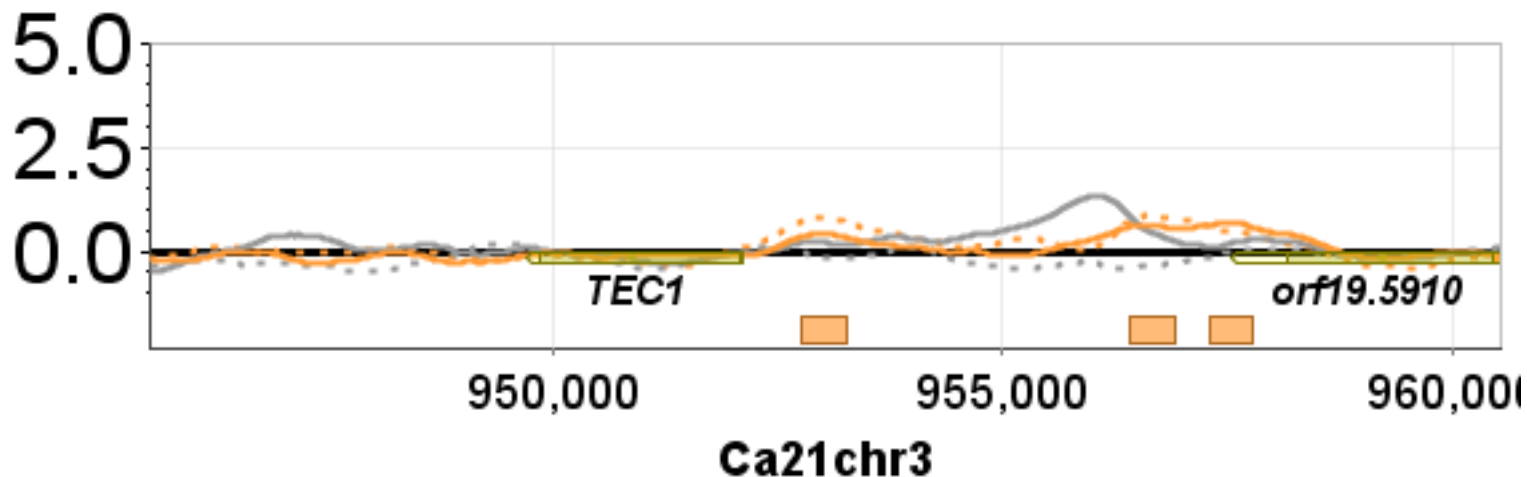
[0.822] Ca21chrR:2080716-2095715 [+] [ntar_1400.50, ntar_1400, ntar_1400.51, ntar_1399, ntar_1400.52]



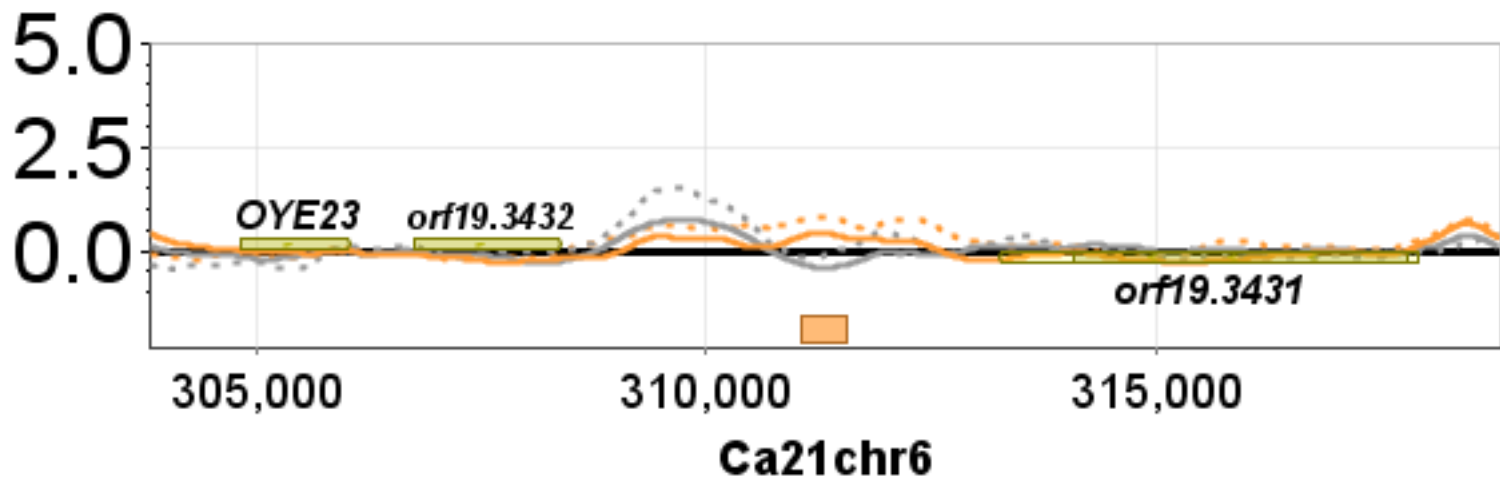
[0.82] Ca21chr3:1493112-1508111 [+] [OPI3, JEN1, LYS9, orf19.7445, orf19.7444]



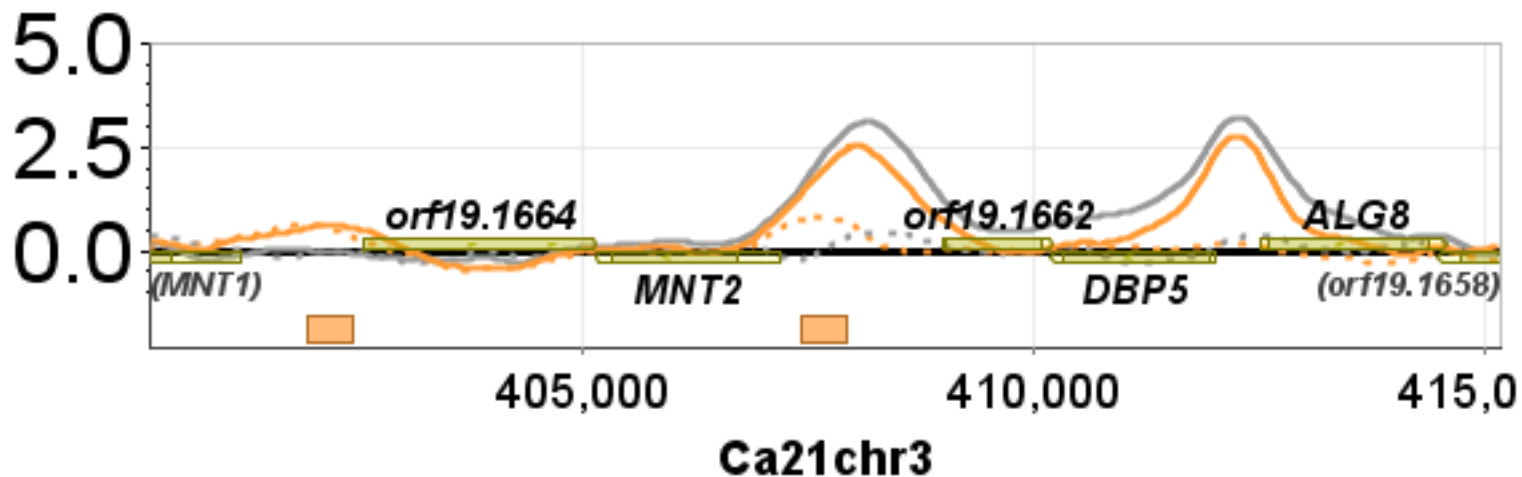
[0.818] Ca21chr3:945523-960522 [+] [TEC1, orf19.5910]



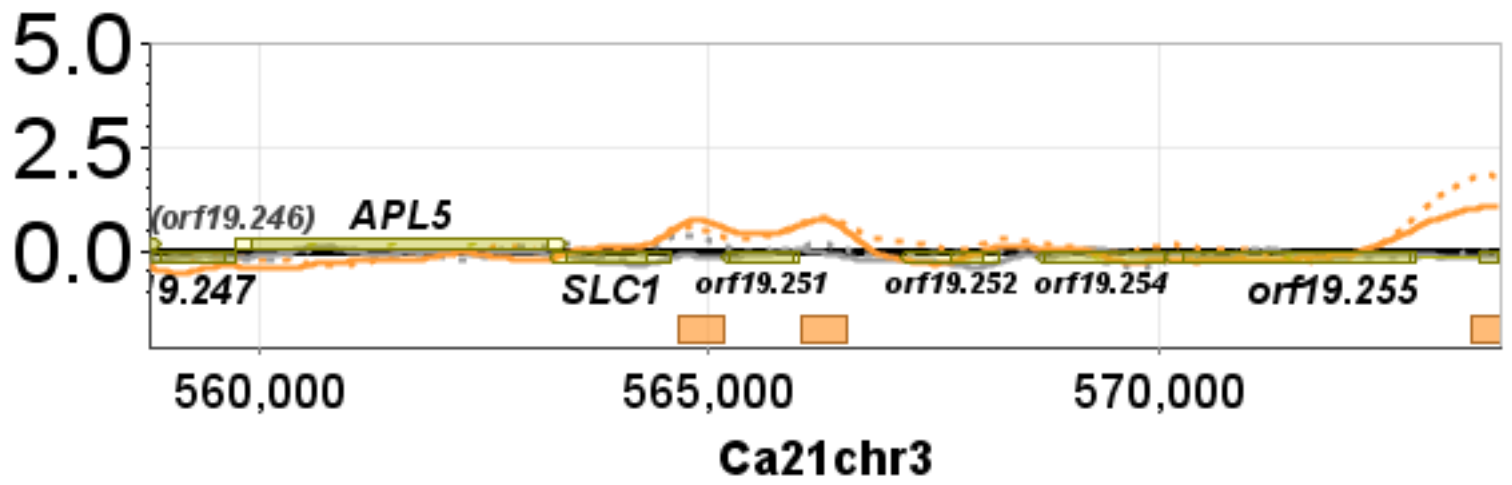
[0.816] Ca21chr6:303813-318812 [+] [ntar_989, ntar_990, ntar_988, orf19.3432, OYE23]



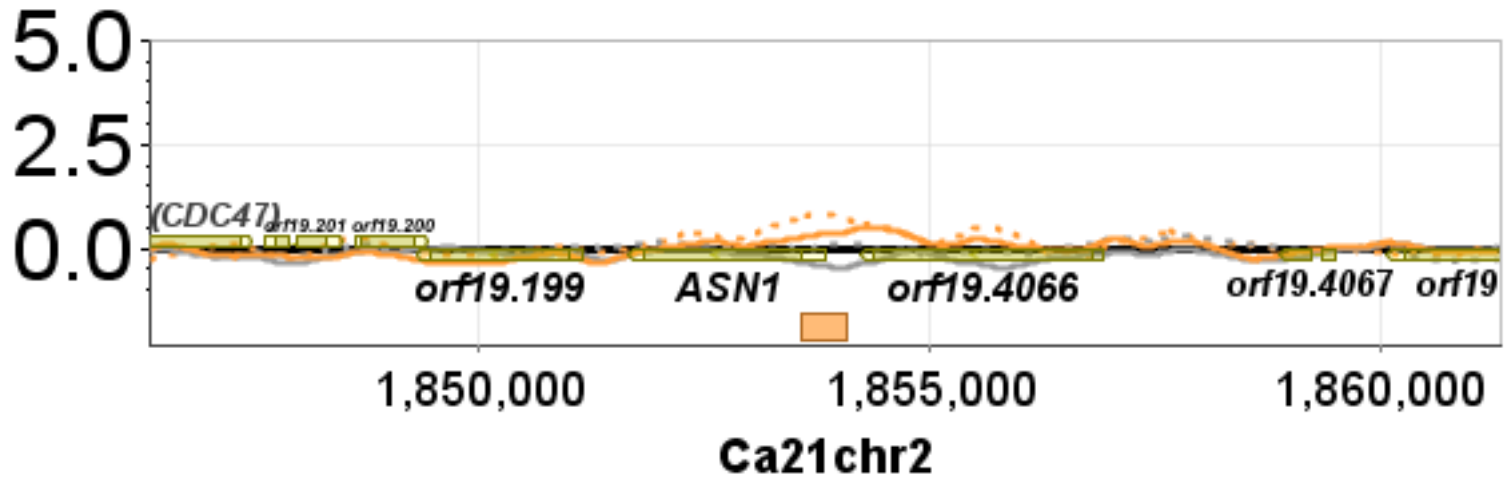
[0.812] Ca21chr3:400177-415176 [+] [tv(aac)2, MNT2, orf19.1662, DBP5, tk(uuu)1]



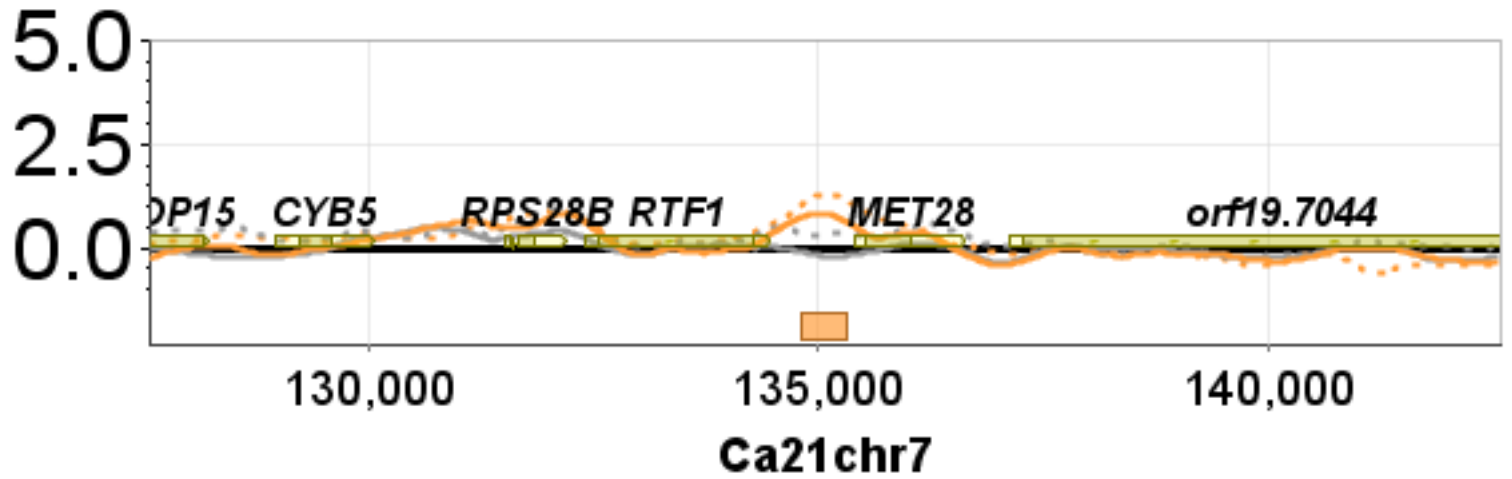
[0.811] Ca21chr3:558779-573778 [+] [orf19.251, ntar_572, SLC1, orf19.252, orf19.254]



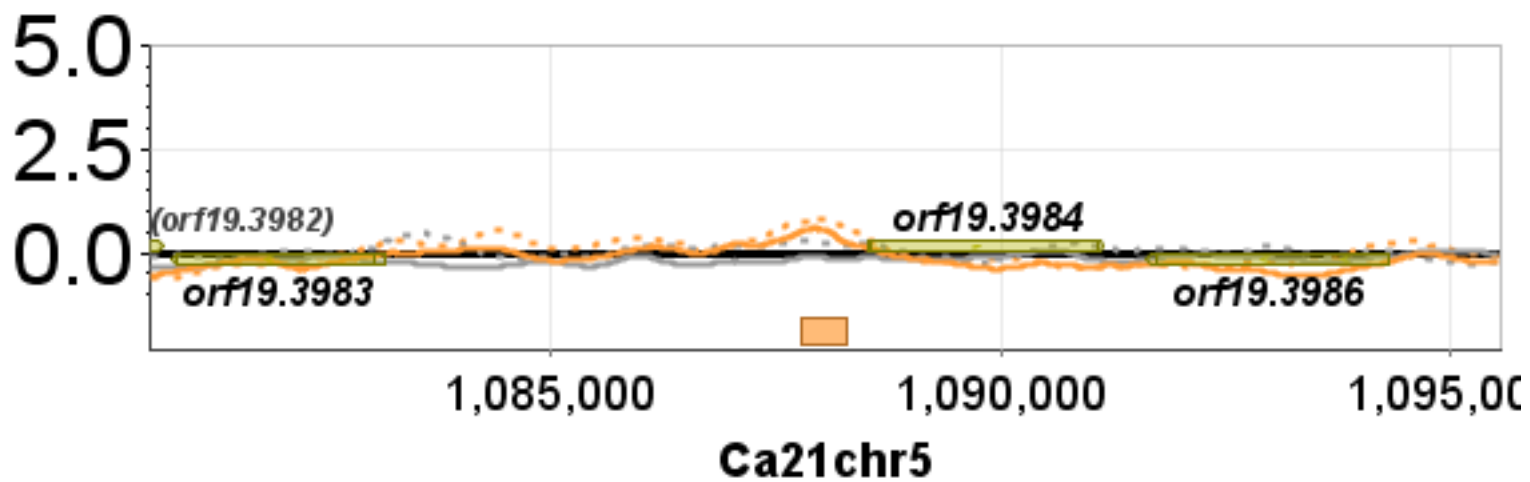
[0.81] Ca21chr2:1846325-1861324 [+] [ASN1, ntar_468, orf19.199, orf19.4066, orf19.200]



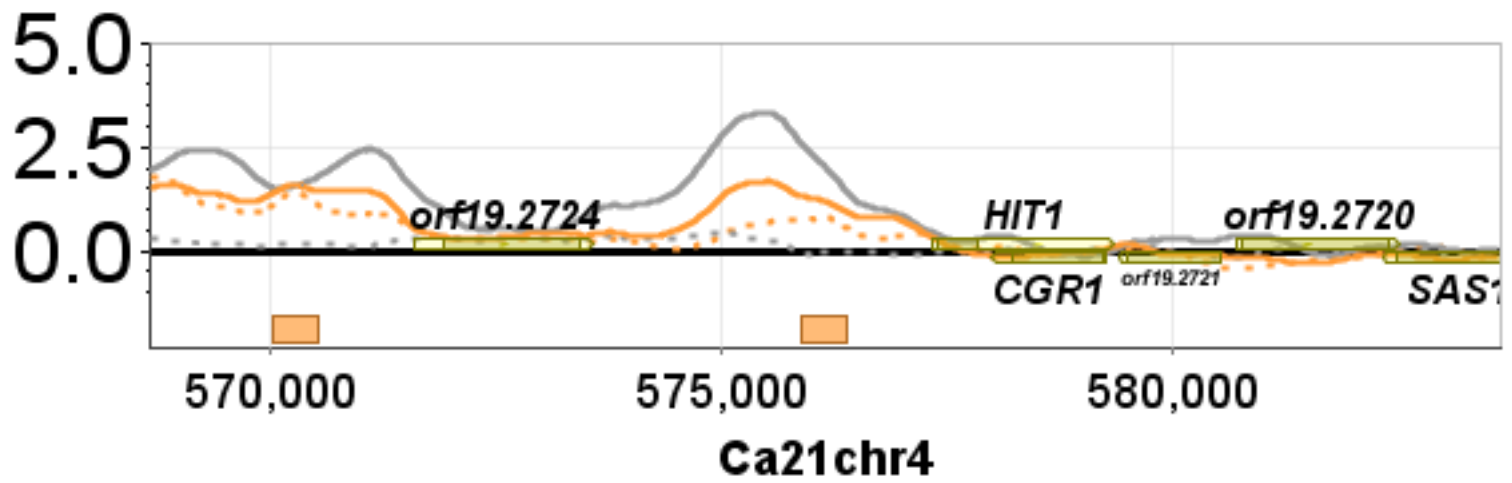
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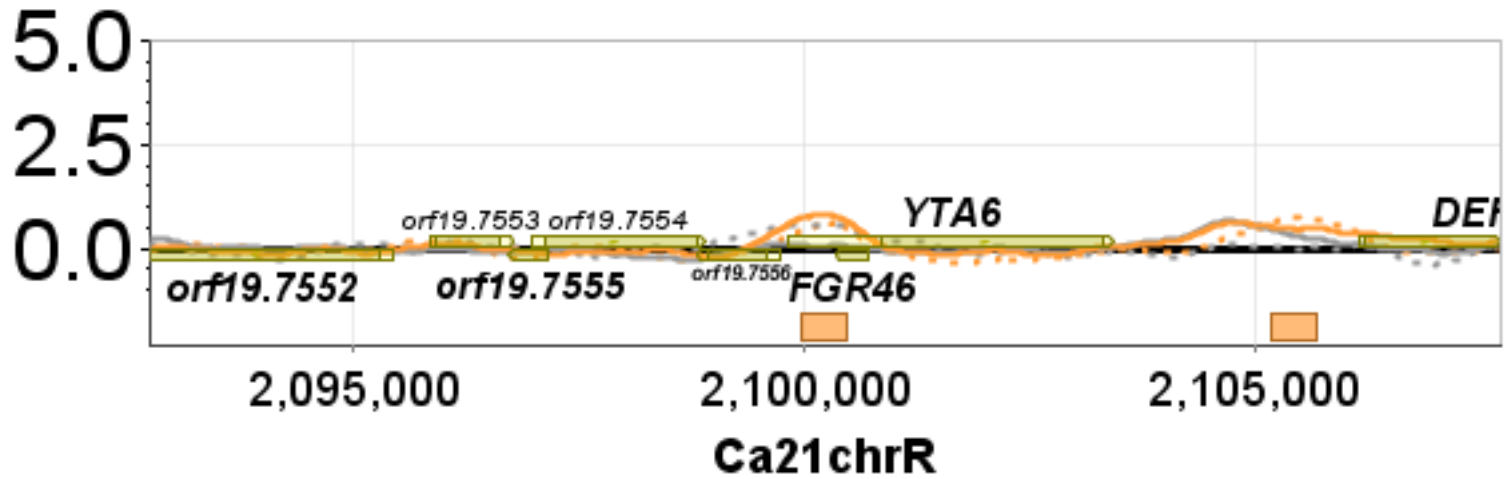
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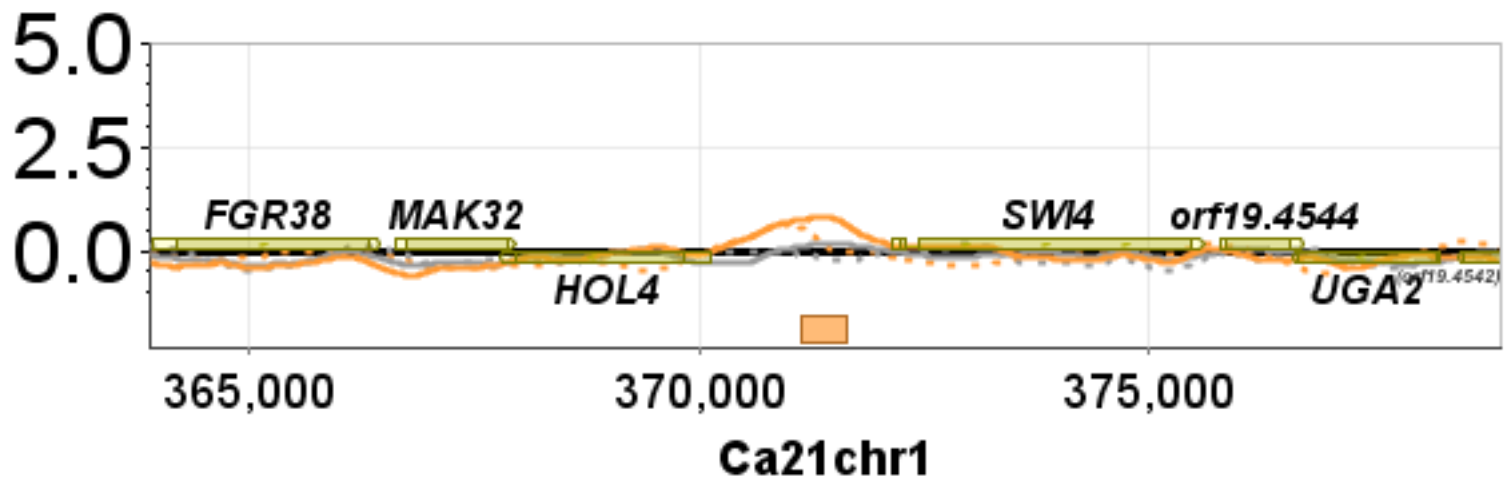
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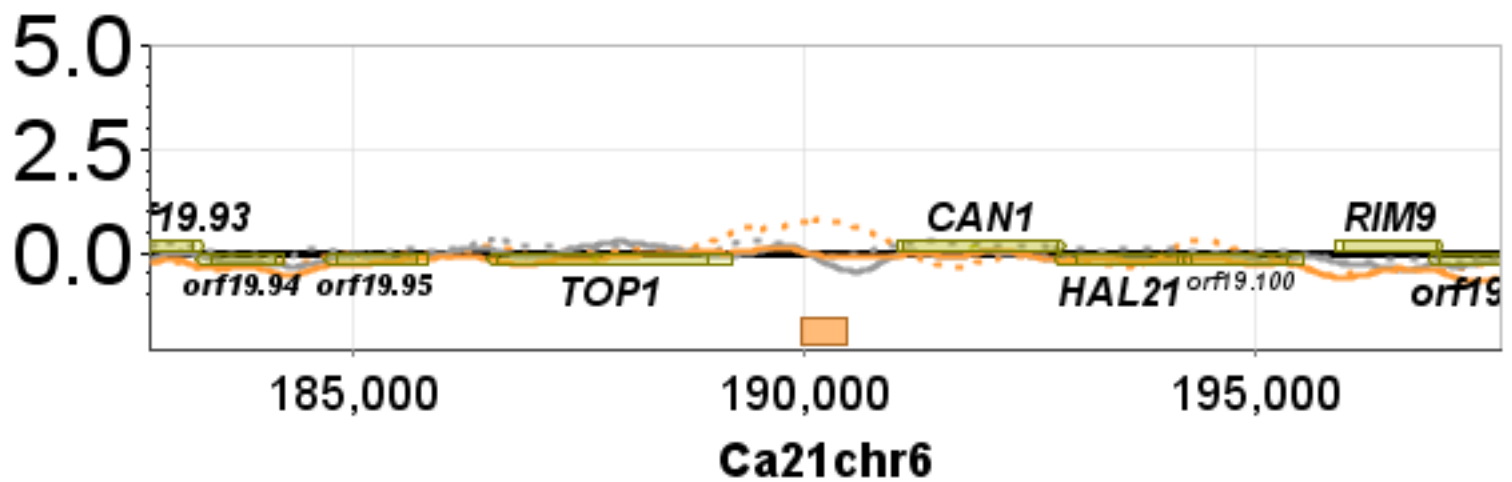
[0.803] Ca21chrR:2092722-2107721 [+] [YTA6, orf19.7556, FGR46, orf19.7555, orf19.7554]



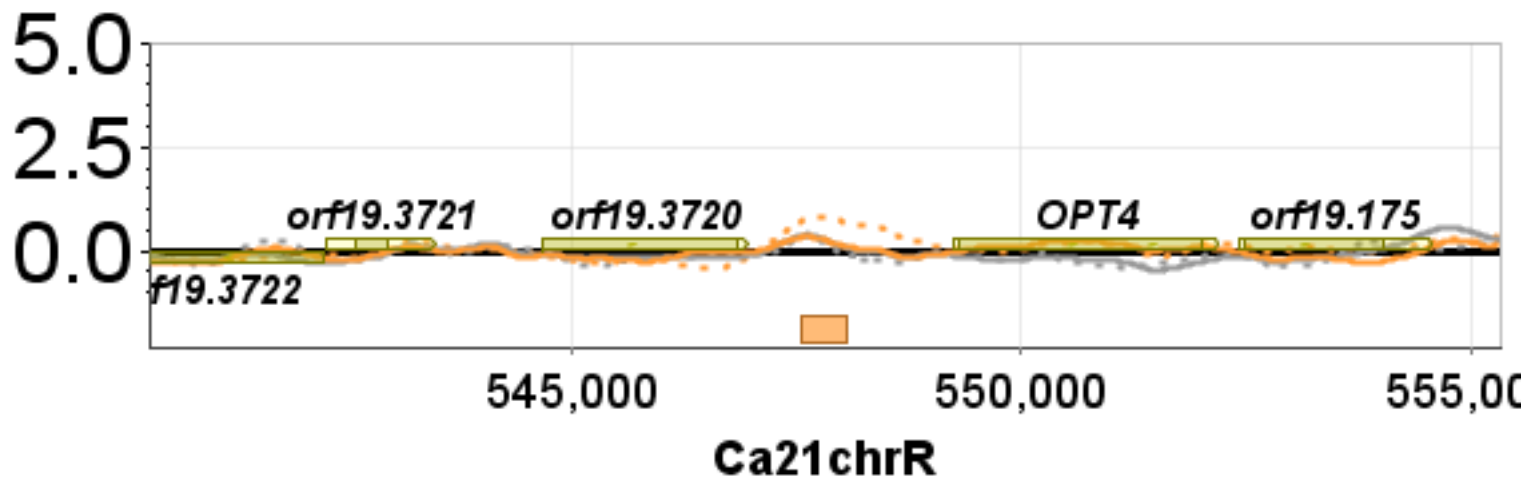
[0.802] Ca21chr1:363887-378886 [+] [SWI4, HOL4, orf19.4544, MAK32, UGA2]



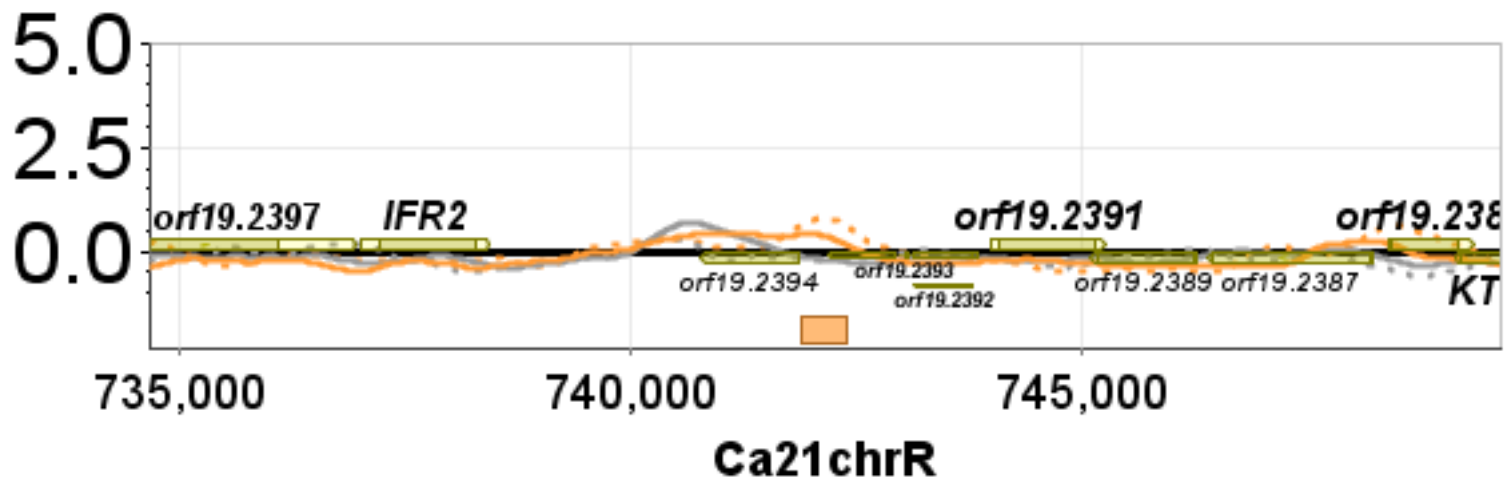
[0.793] Ca21chr6:182718-197717 [+] [ntar_978, CAN1, TOP1, HAL21, orf19.95]



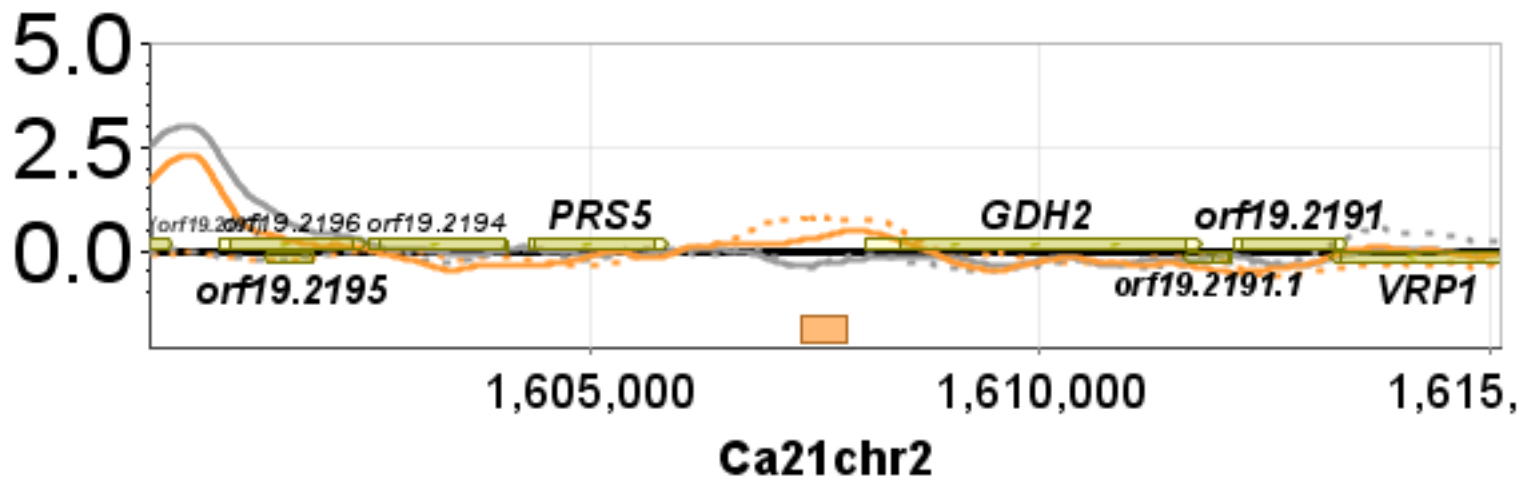
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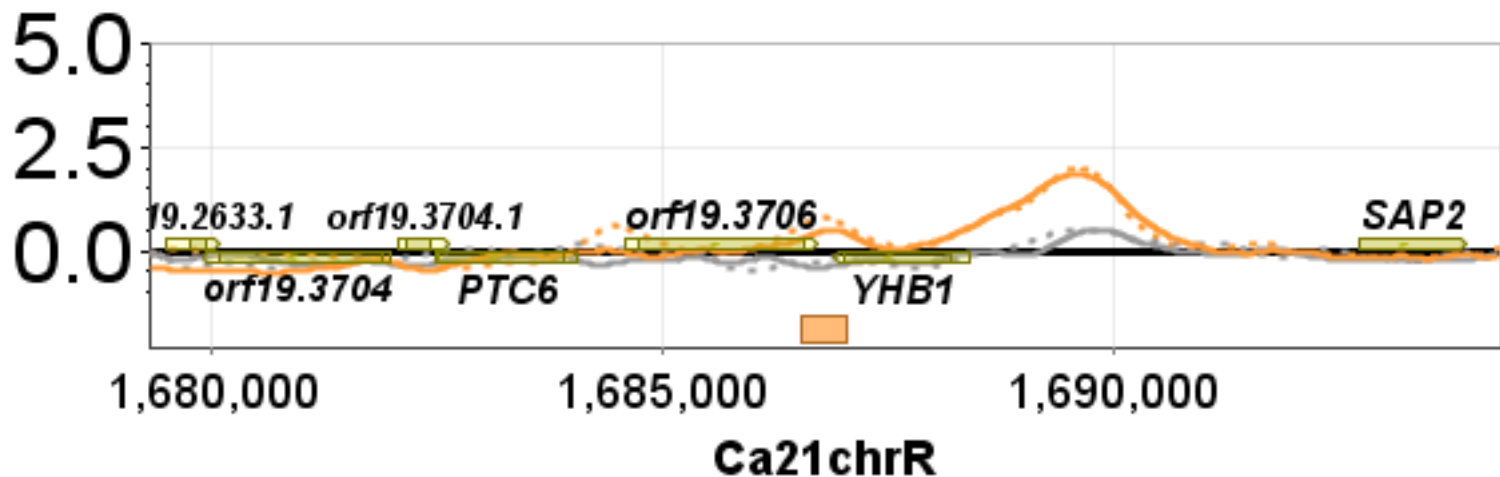
[0.793] Ca21chrR:734646-749645 [+] [orf19.2394, orf19.2392, orf19.2393, orf19.2391, IME2]



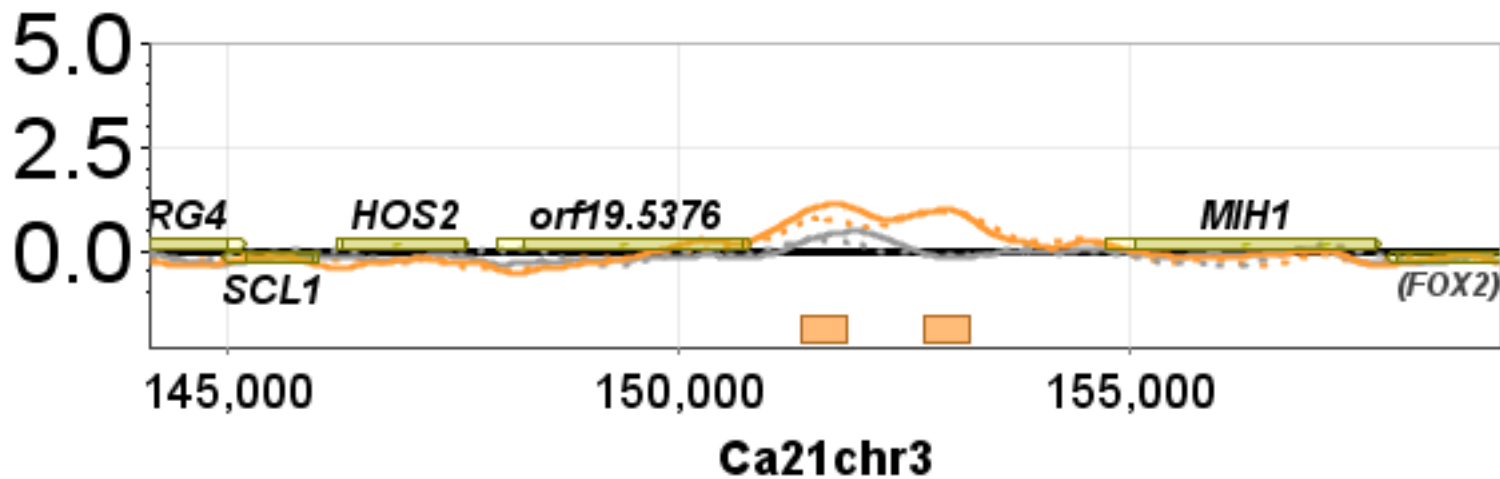
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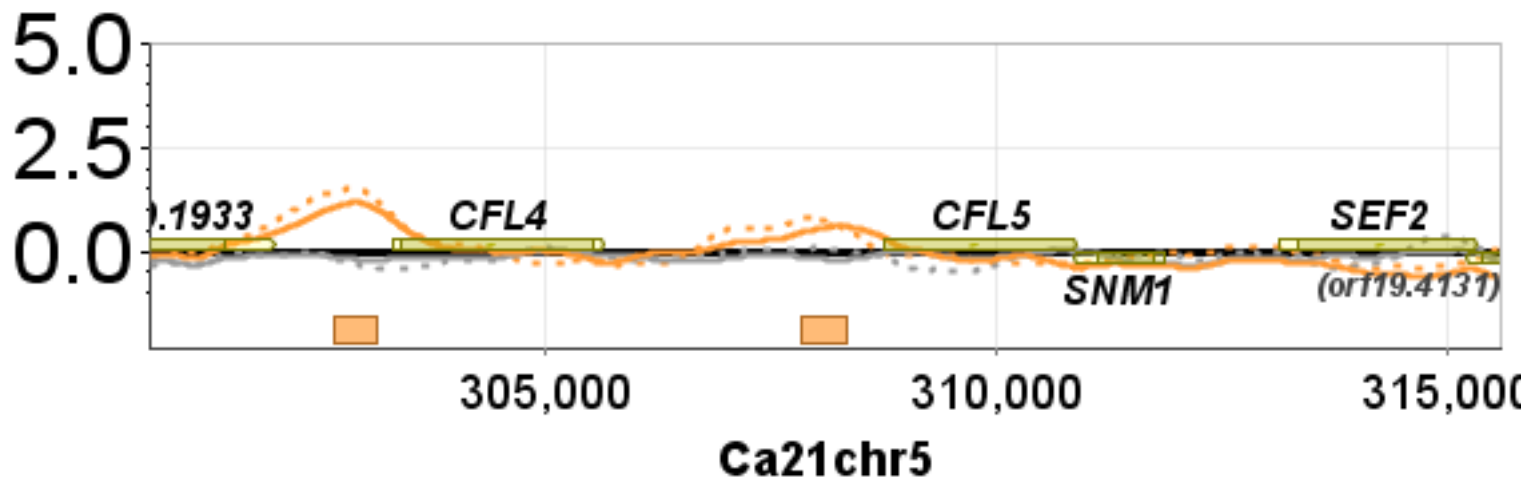
[0.792] Ca21chrR:1679295-1694294 [+] [ntar_1347, YHB1, orf19.3706, PTC6, orf19.3704.1]



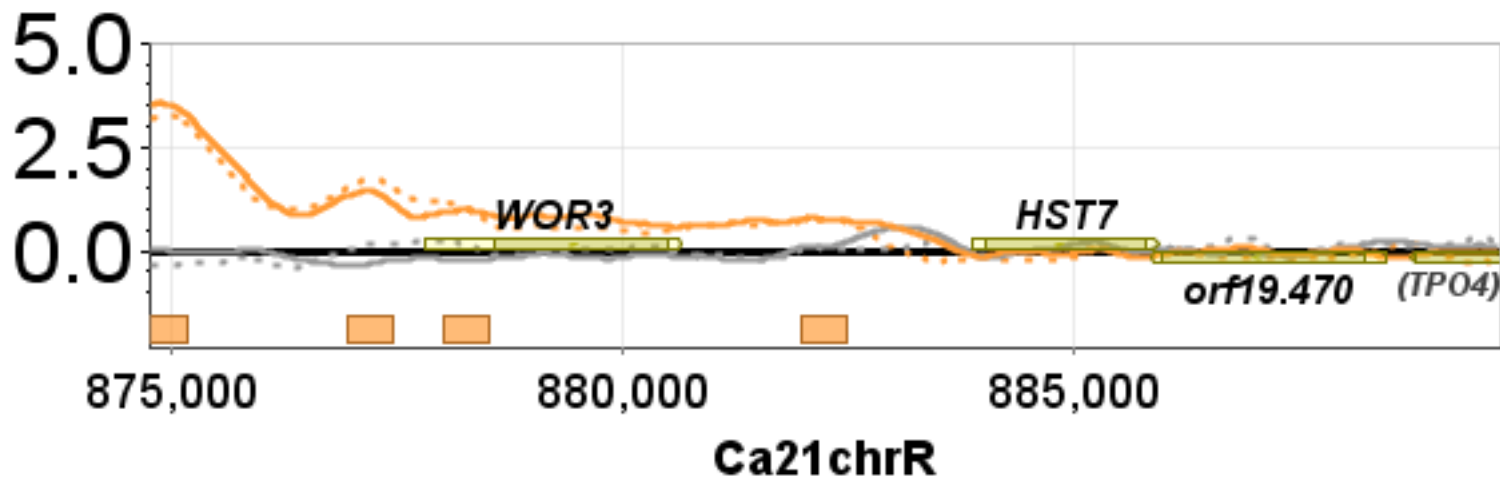
[0.791] Ca21chr3:144113-159112 [+] [ntar_535, ntar_536, MIH1, orf19.5376, HOS2]



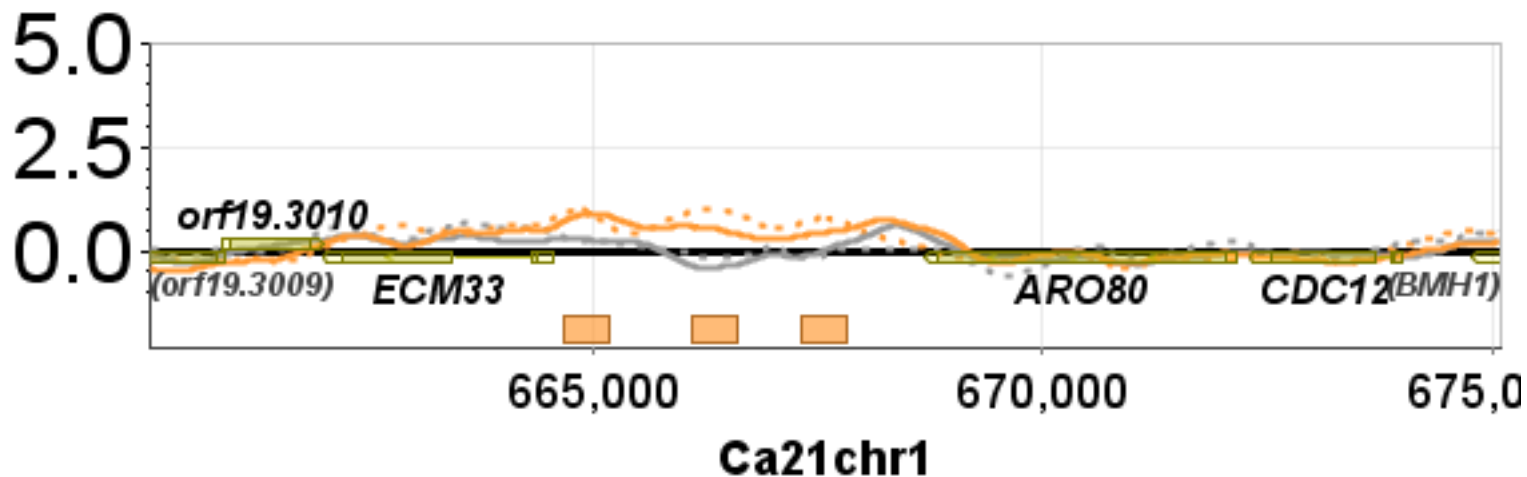
[0.789] Ca21chr5:300585-315584 [+] [CFL5, SNM1, CFL4, SEF2, orf19.1933]

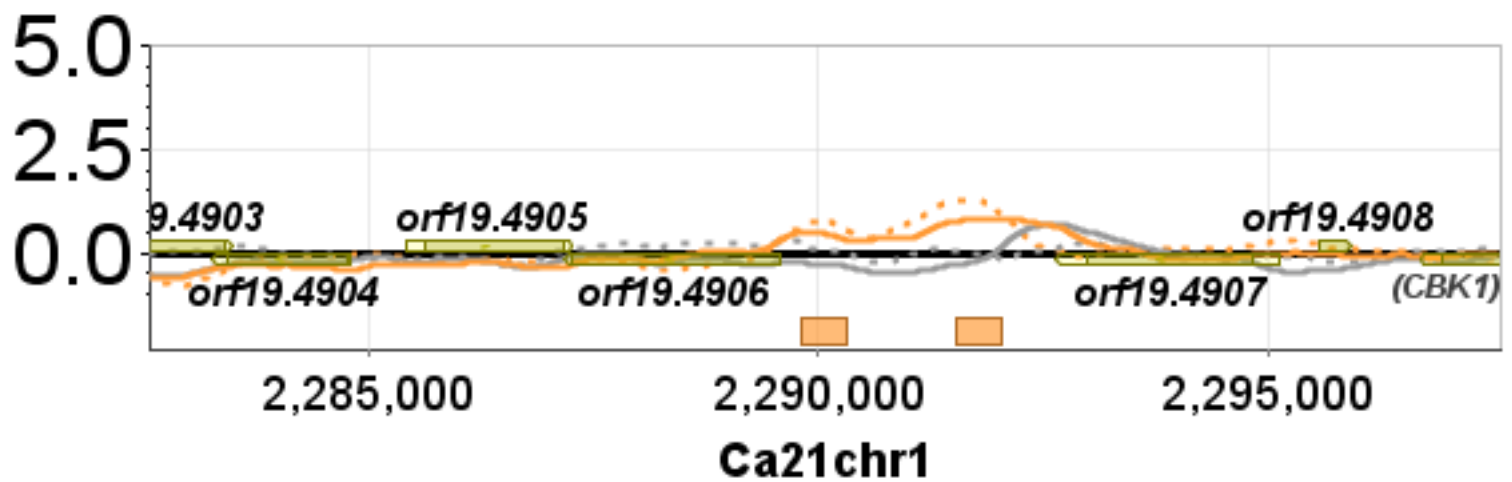
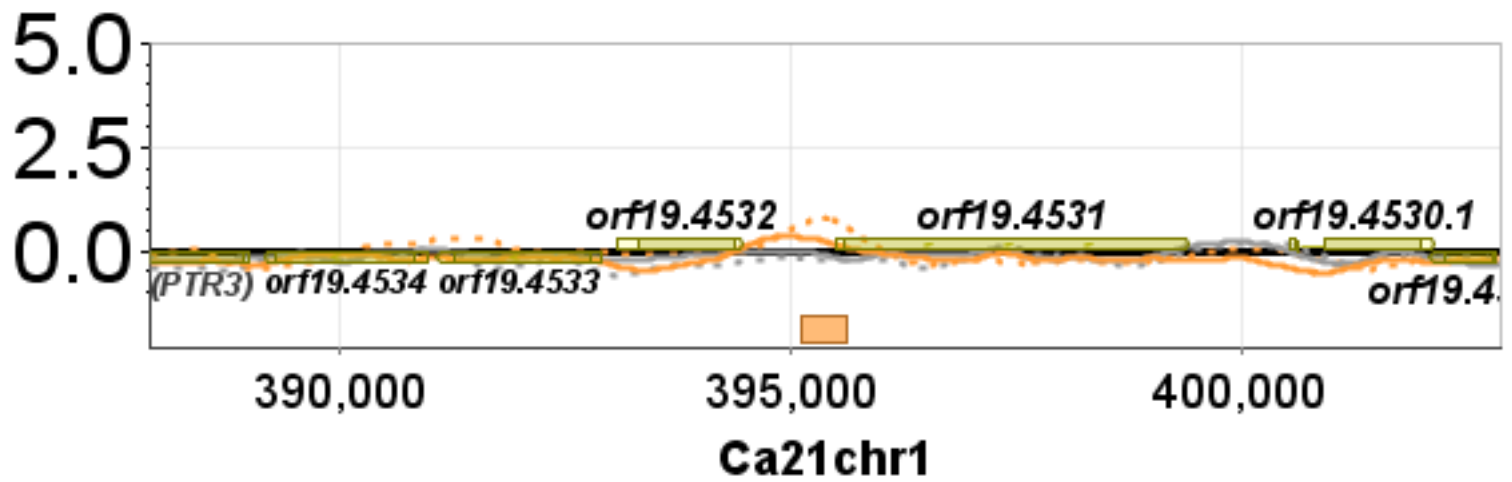
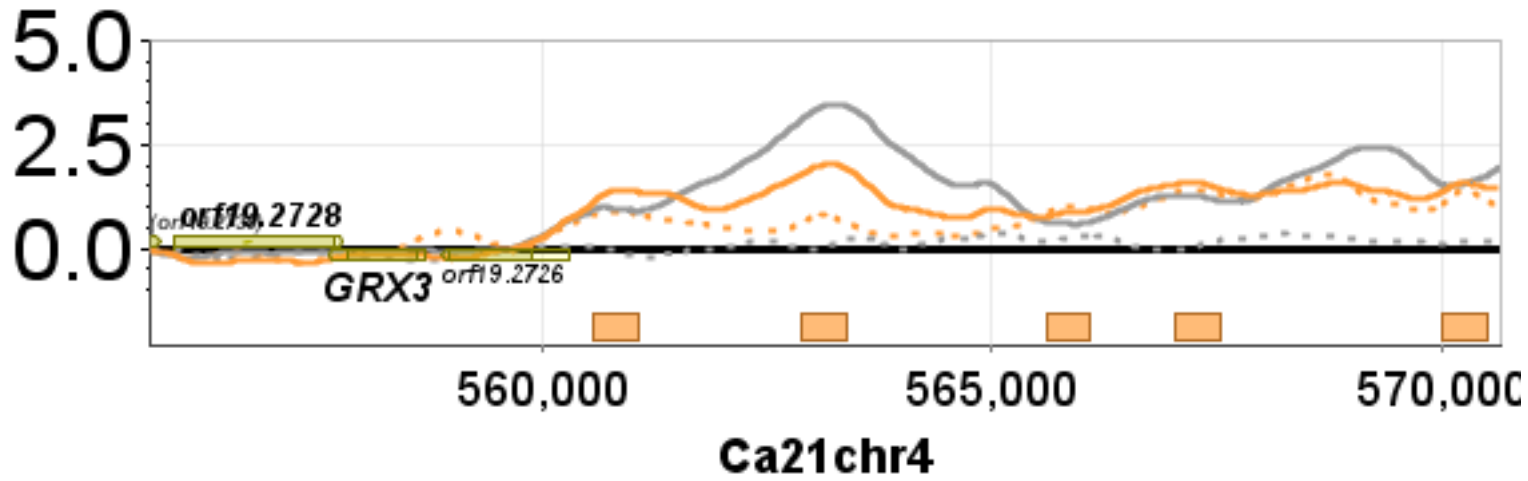
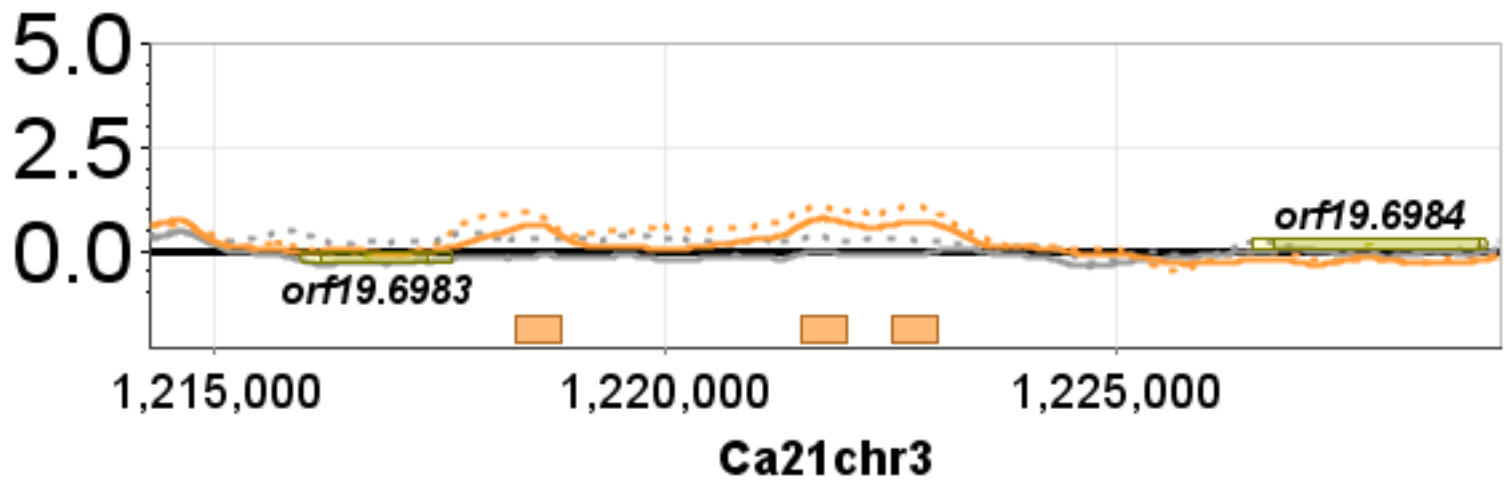


[0.789] Ca21chrR:874741-889740 [+] [ntar_1253, ntar_1254, ntar_1255, HST7, ntar_1256]

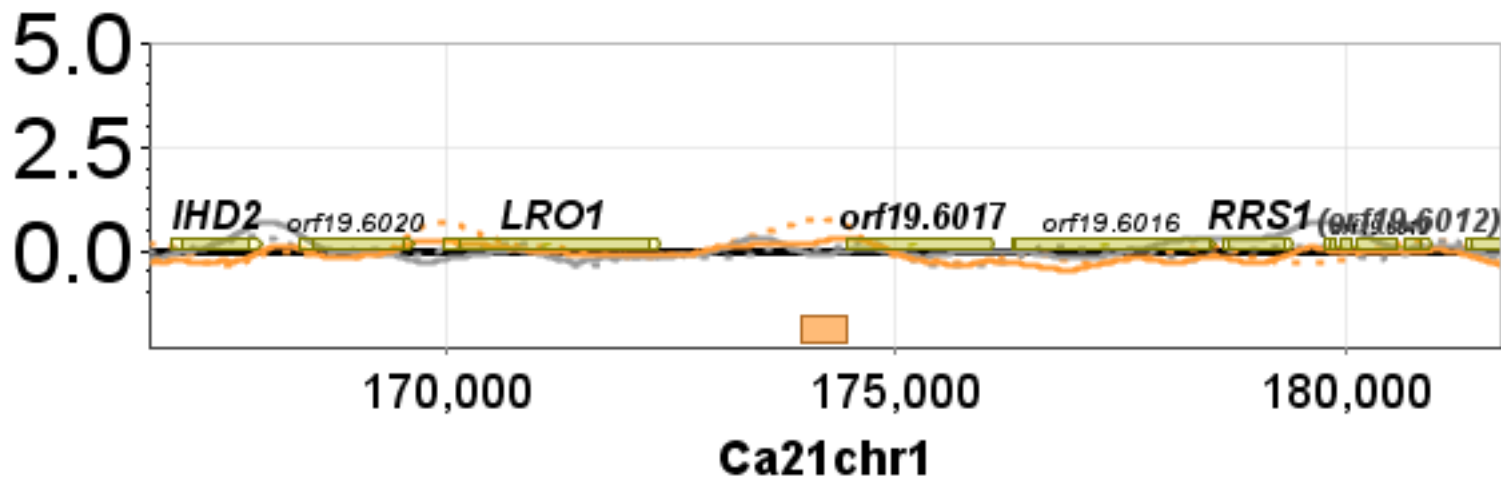


[0.788] Ca21chr1:660078-675077 [+] [ECM33, ntar_67, ARO80, CDC12, orf19.3009]

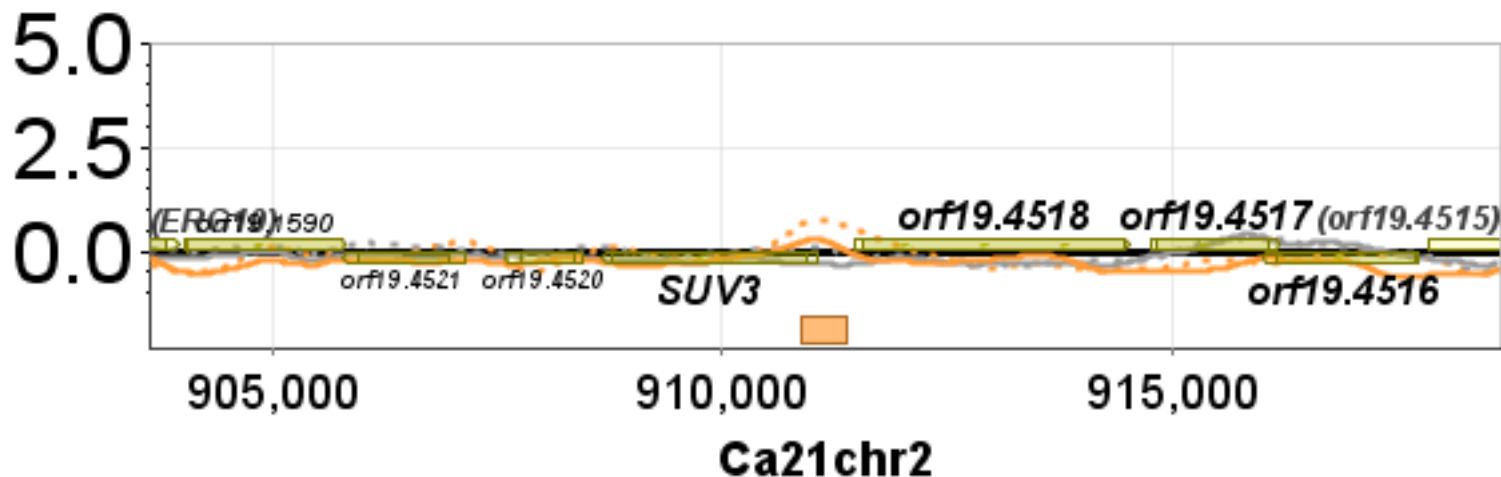




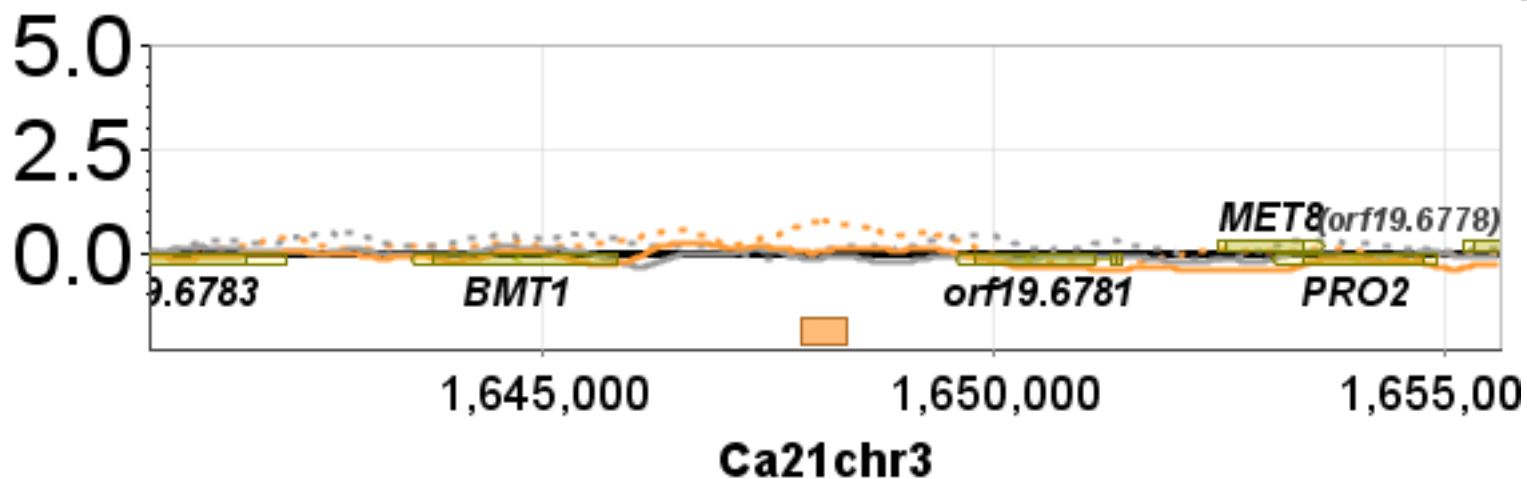
[0.778] Ca21chr1:166708-181707 [+] [orf19.6017, orf19.6016, LRO1, ntar_17, RRS1]



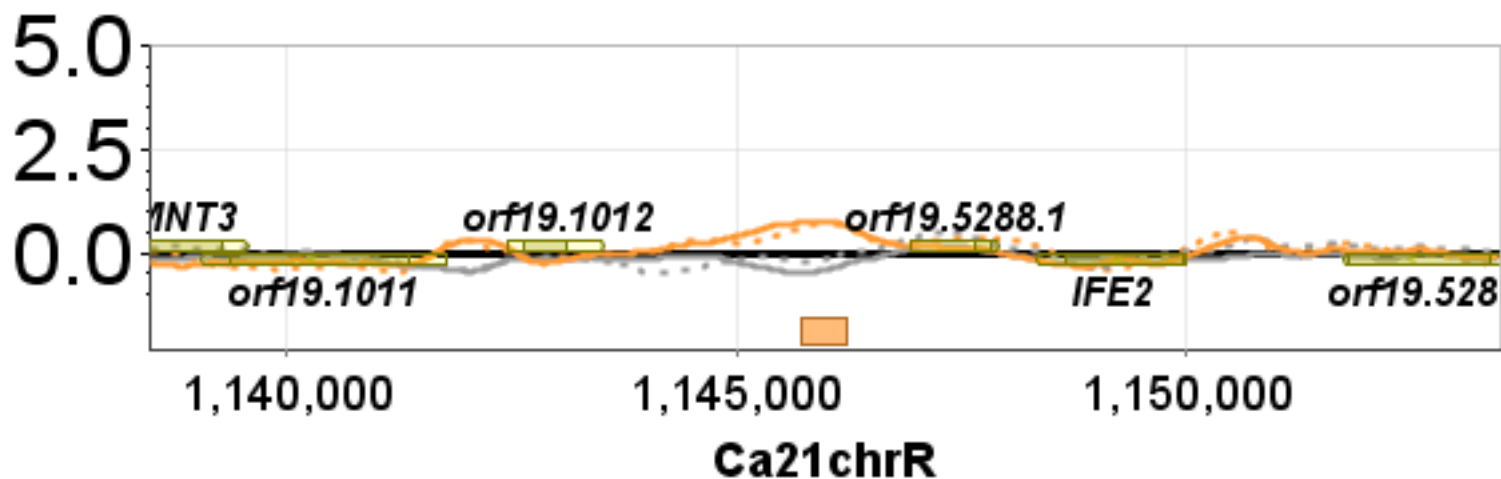
[0.777] Ca21chr2:903635-918634 [+] [SUV3, orf19.4518, orf19.4520, orf19.4517, ntar_367]



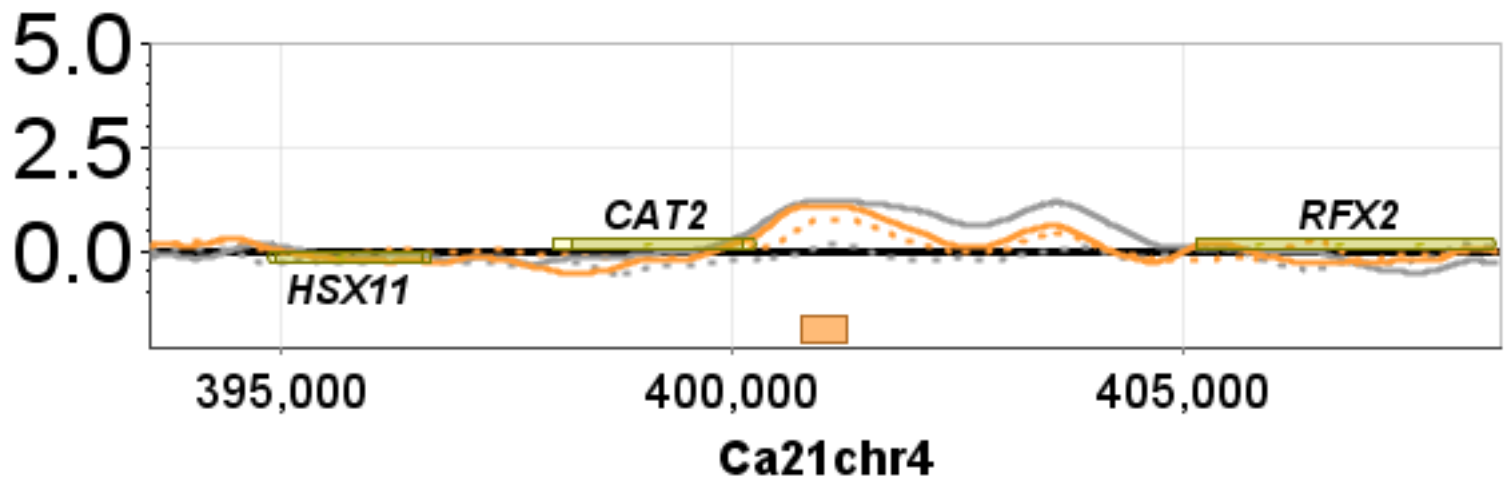
[0.777] Ca21chr3:1640615-1655614 [+] [ntar_677, BMT1, orf19.6781, ntar_676, MET8]



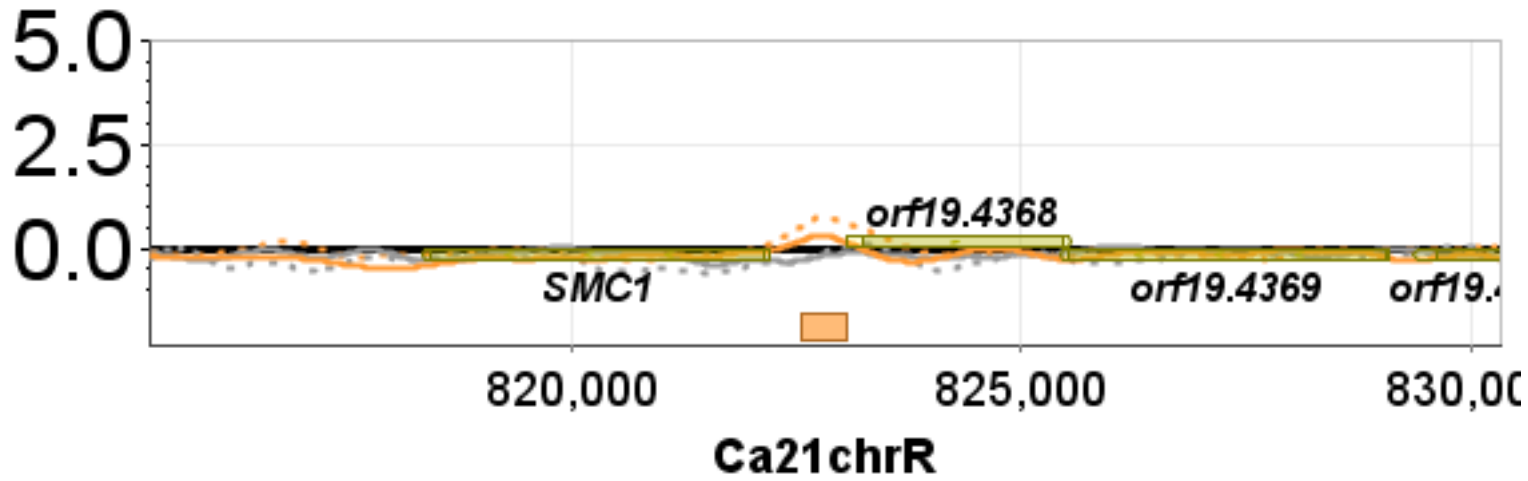
[0.771] Ca21chrR:1138471-1153470 [+] [ntar_1283, orf19.5289, orf19.5288.1, ntar_1284, orf19.1012]



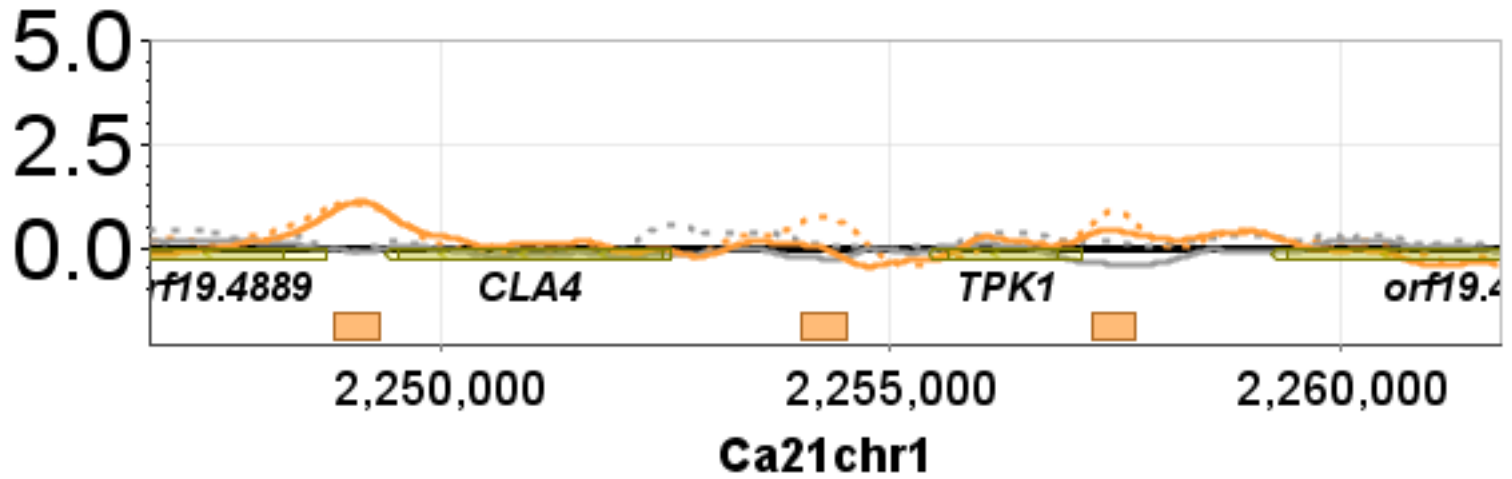
[0.769] Ca21chr4:393520-408519 [+] [CAT2, RFX2, HSX11, ntar_751]



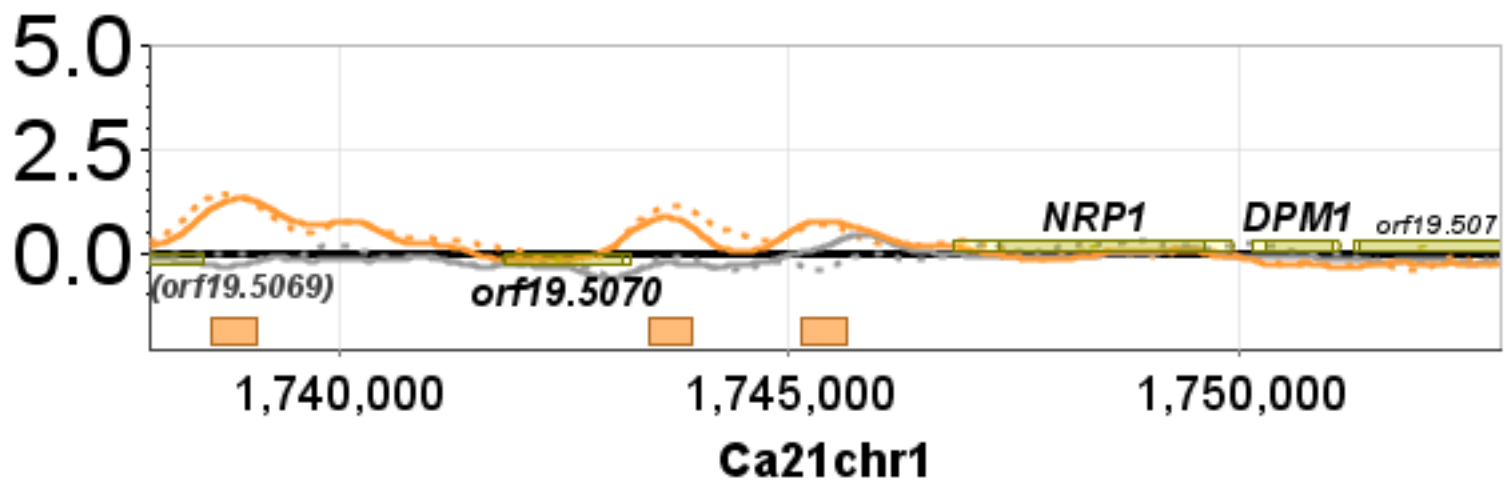
[0.764] Ca21chrR:815310-830309 [+] [orf19.4368, SMC1, orf19.4369, orf19.4366, ntar_1250]



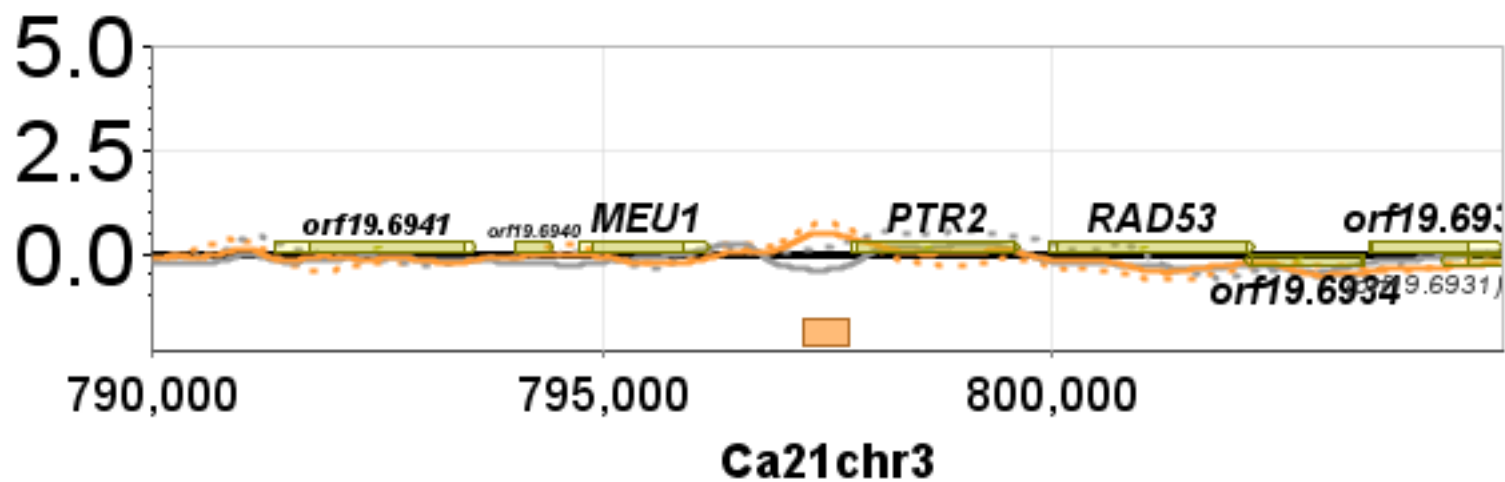
[0.76] Ca21chr1:2246761-2261760 [+] [ntar_208, CLA4, TPK1, orf19.4889, orf19.4893]



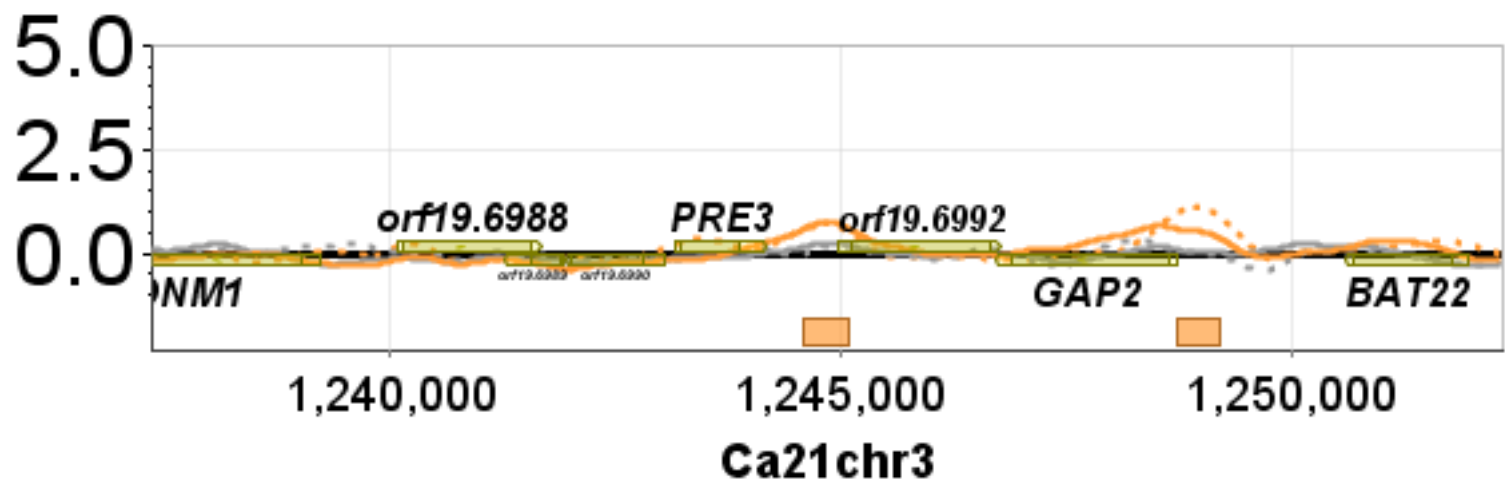
[0.759] Ca21chr1:1737886-1752885 [+] [NRP1, orf19.5070, ntar_166, ntar_165, DPM1]



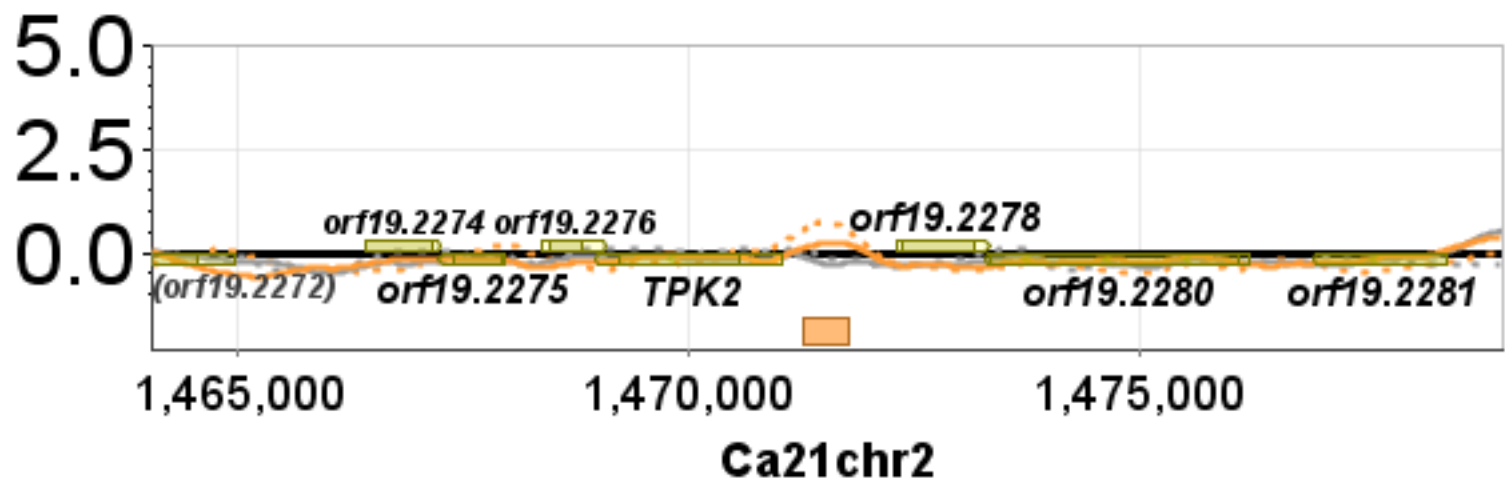
[0.759] Ca21chr3:789983-804982 [+] [PTR2, RAD53, MEU1, ntar_597, orf19.6940]



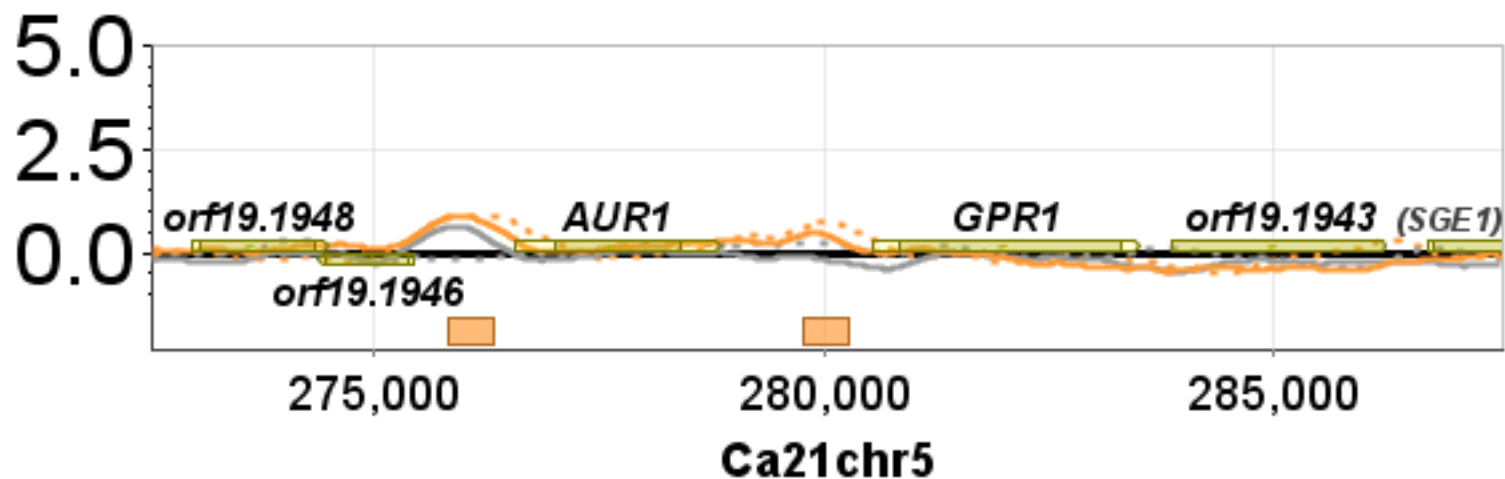
[0.758] Ca21chr3:1237339-1252338 [+] [orf19.6992, PRE3, orf19.6990, ntar_635, orf19.6989]



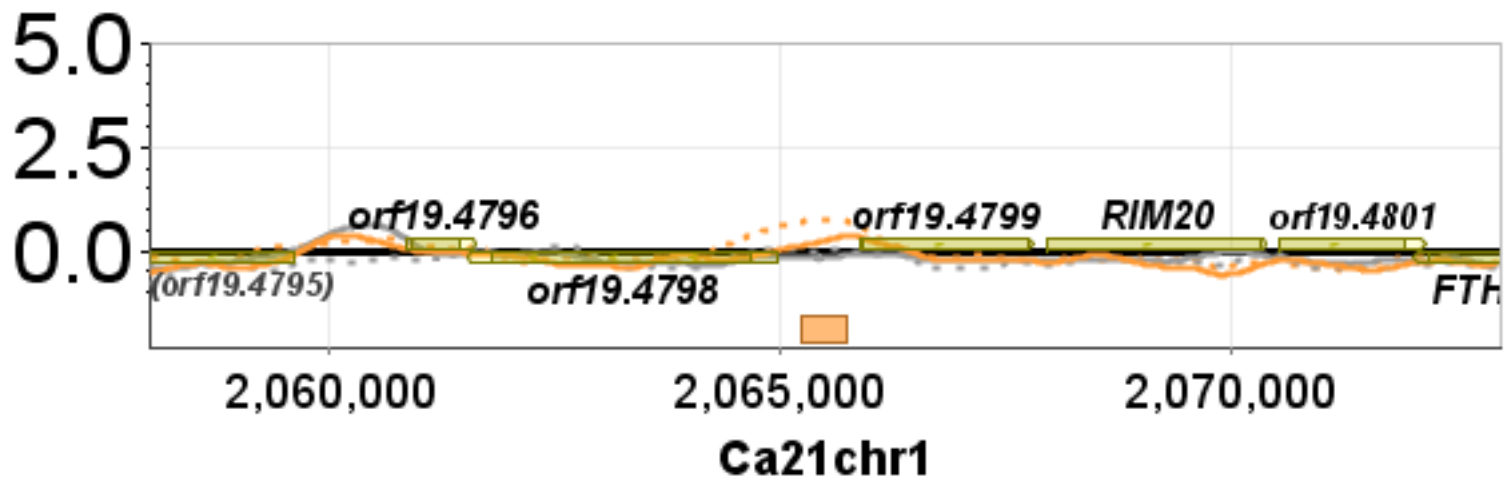
[0.757] Ca21chr2:1464031-1479030 [+] [TPK2, orf19.2278, orf19.2276, orf19.2275, orf19.2280]



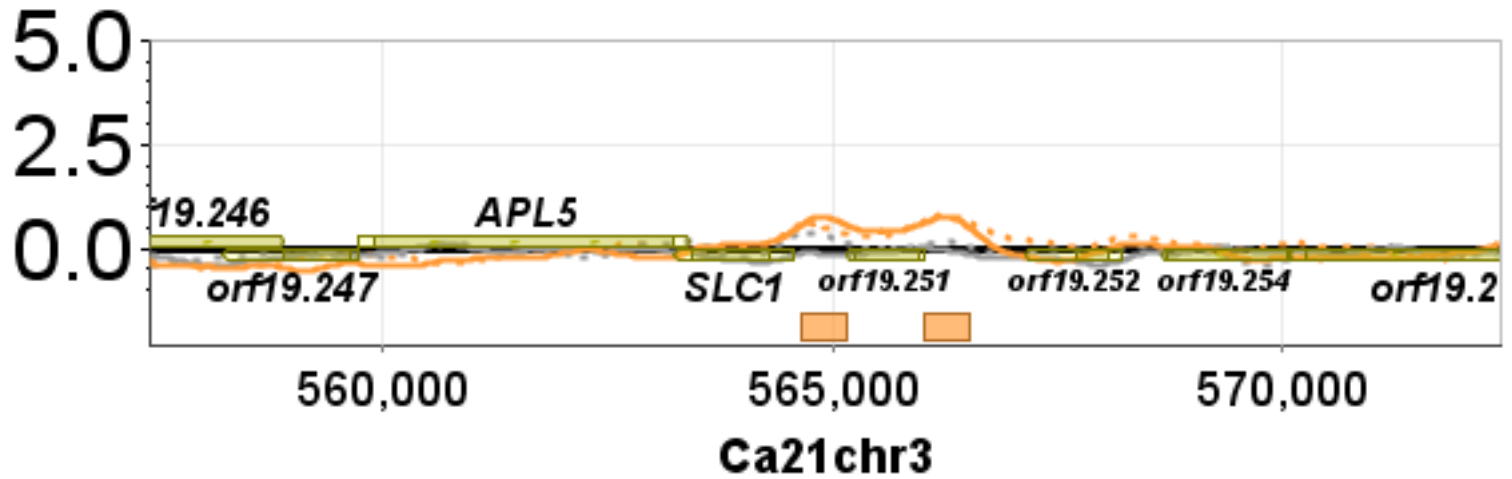
[0.756] Ca21chr5:272525-287524 [+] [GPR1, AUR1, orf19.1943, orf19.1946, SGE1]



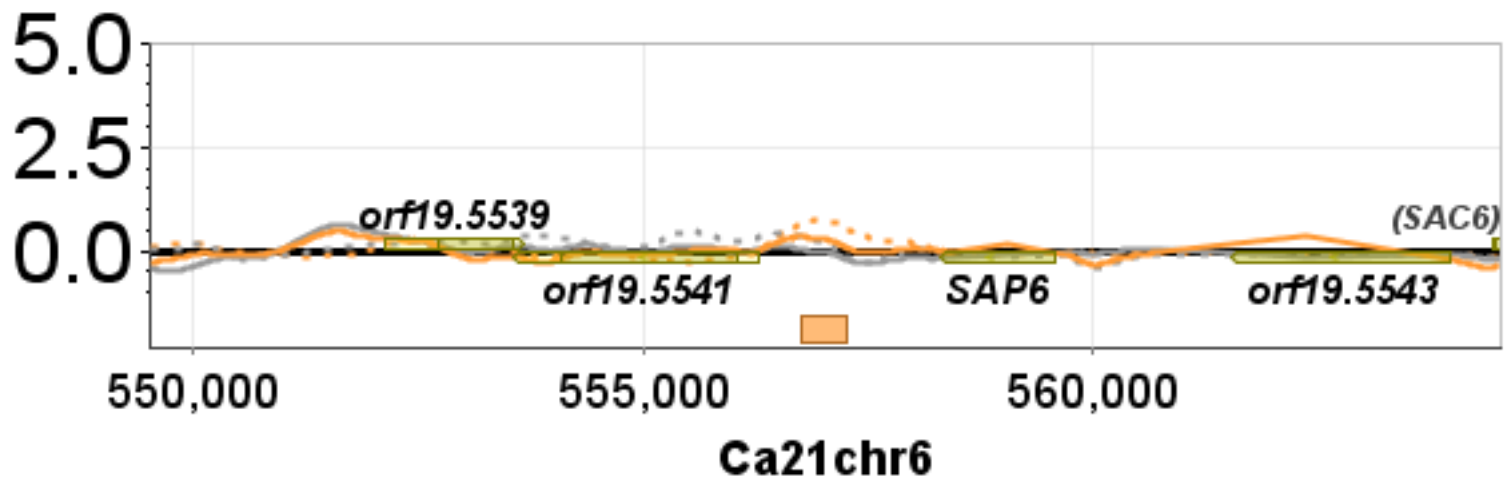
[0.755] Ca21chr1:2057991-2072990 [+] [ntar_196, orf19.4799, orf19.4798, RIM20, orf19.4796]



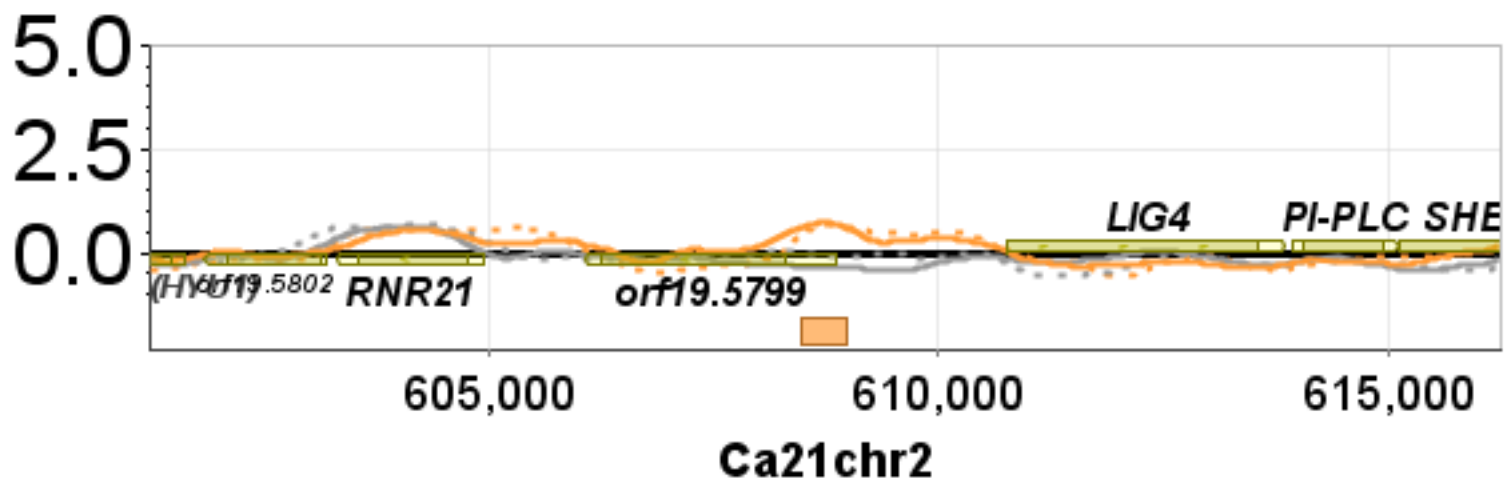
[0.744] Ca21chr3:557403-572402 [+] [SLC1, orf19.251, ntar_572, orf19.252, orf19.254]



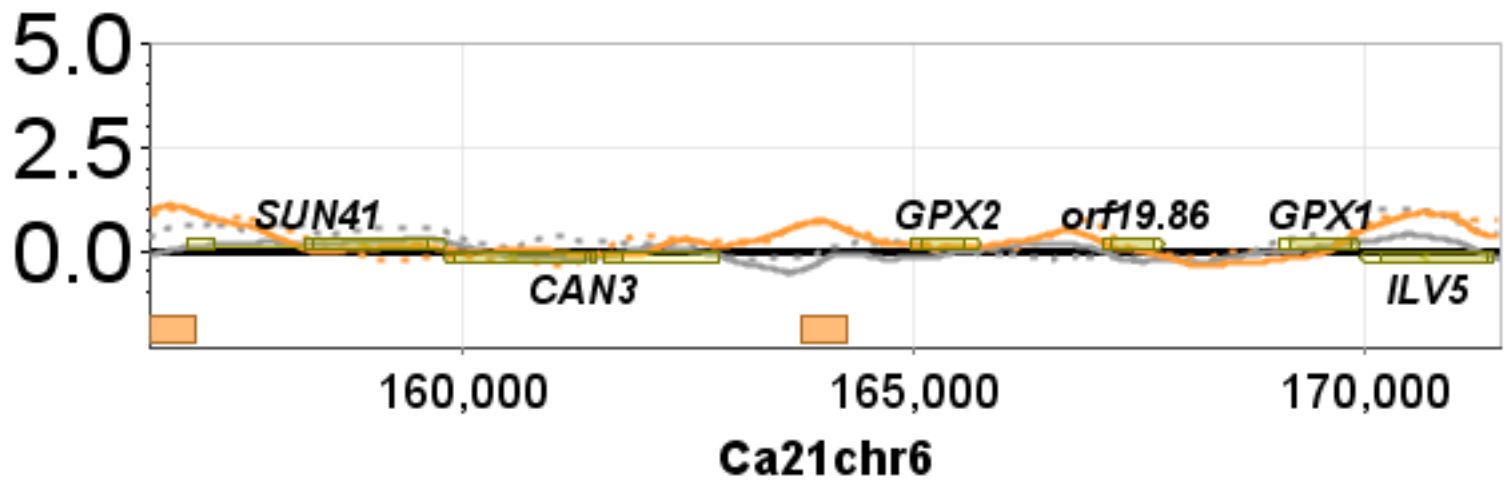
[0.744] Ca21chr6:549515-564514 [+] [ntar_1009, orf19.5541, SAP6, orf19.5539, orf19.5543]



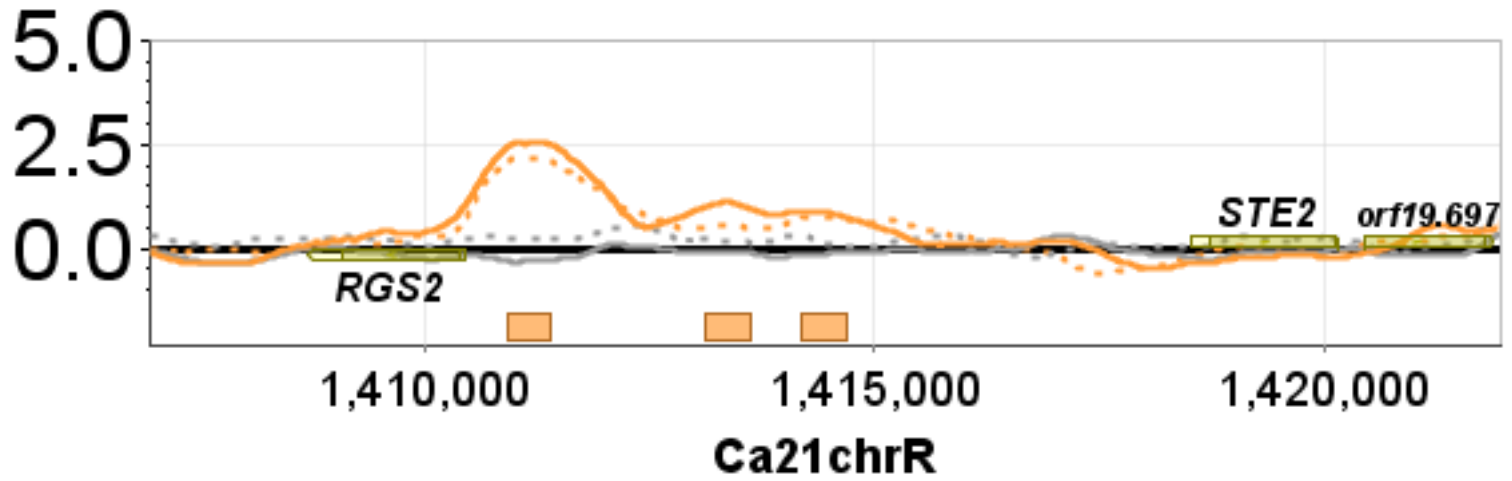
[0.737] Ca21chr2:601228-616227 [+] [orf19.5799, ntar_340, LIG4, RNR21, PI-PLC]



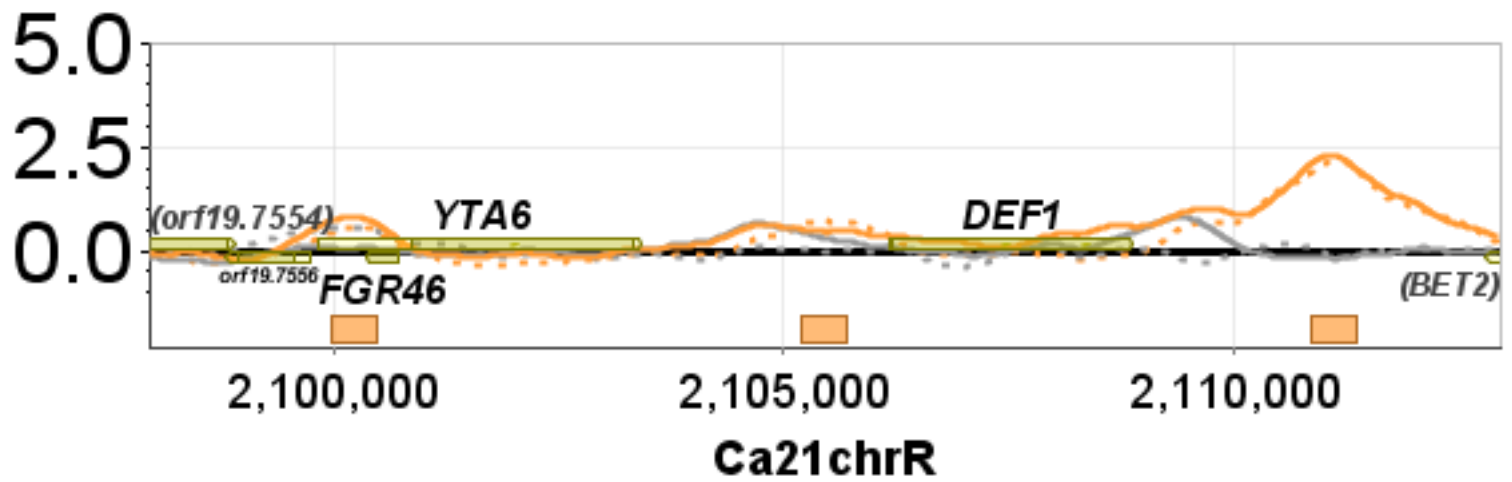
[0.737] Ca21chr6:156503-171502 [+] [GPX2, CAN3, orf19.86, ntar_974, GPX1]



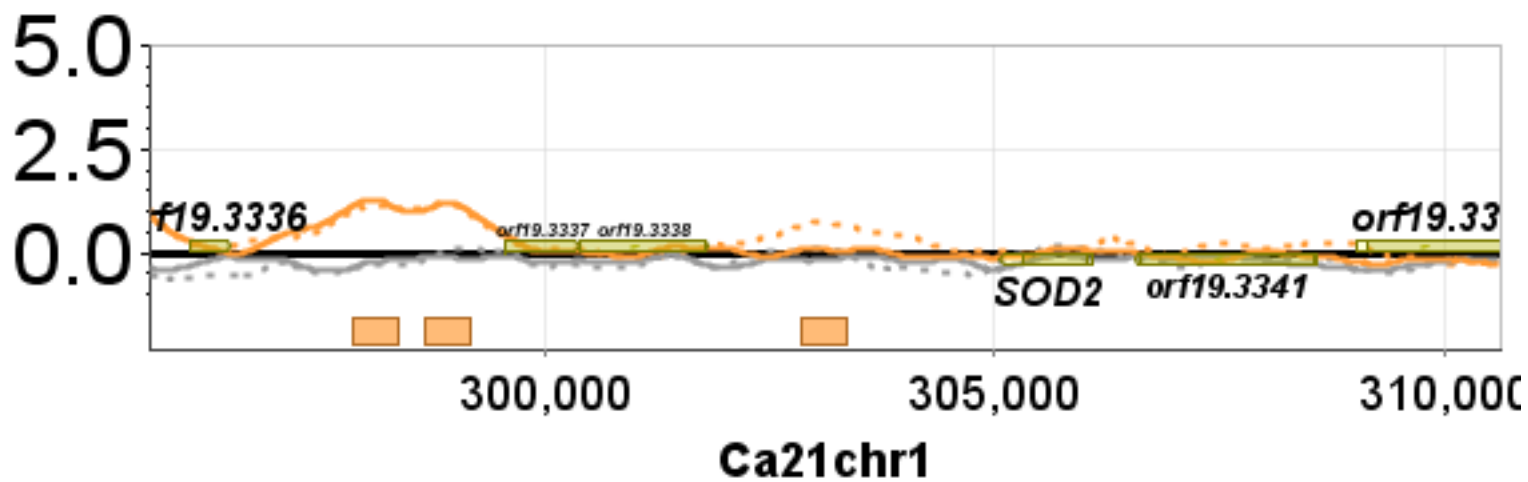
[0.736] Ca21chrR:1406947-1421946 [+] [ntar_1311, ntar_1312, ntar_1314, ntar_1313, ntar_1310]



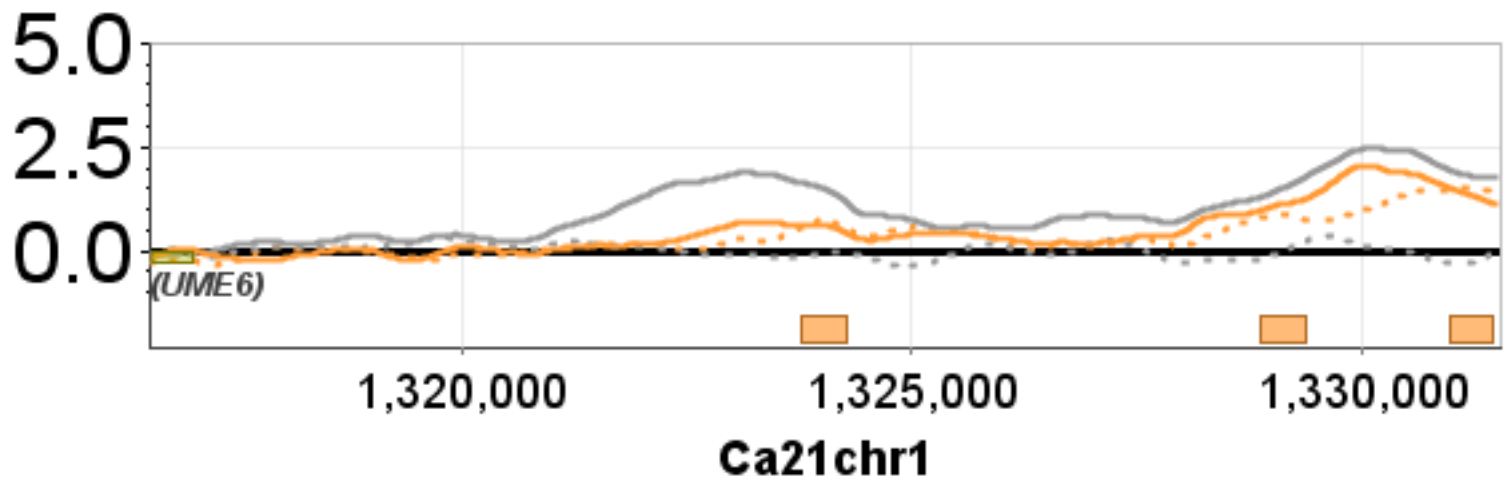
[0.729] Ca21chrR:2097947-2112946 [+] [DEF1, FGR46, YTA6, orf19.7556, orf19.7554]



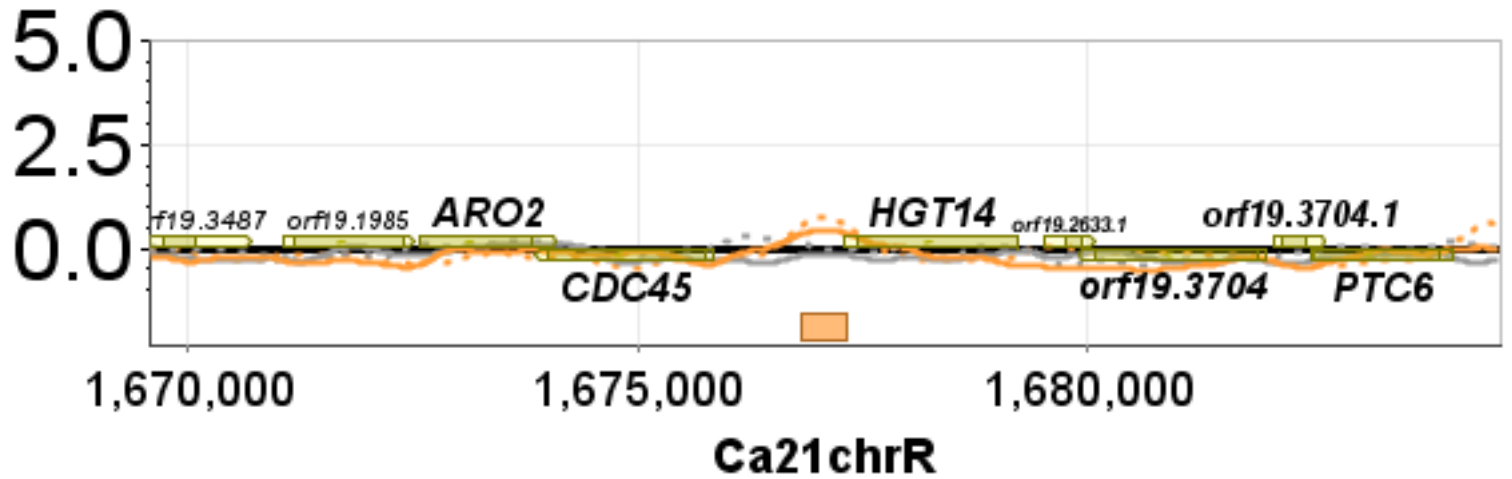
[0.728] Ca21chr1:295611-310610 [+] [orf19.3338, SOD2, orf19.3337, orf19.3341, orf19.3342]



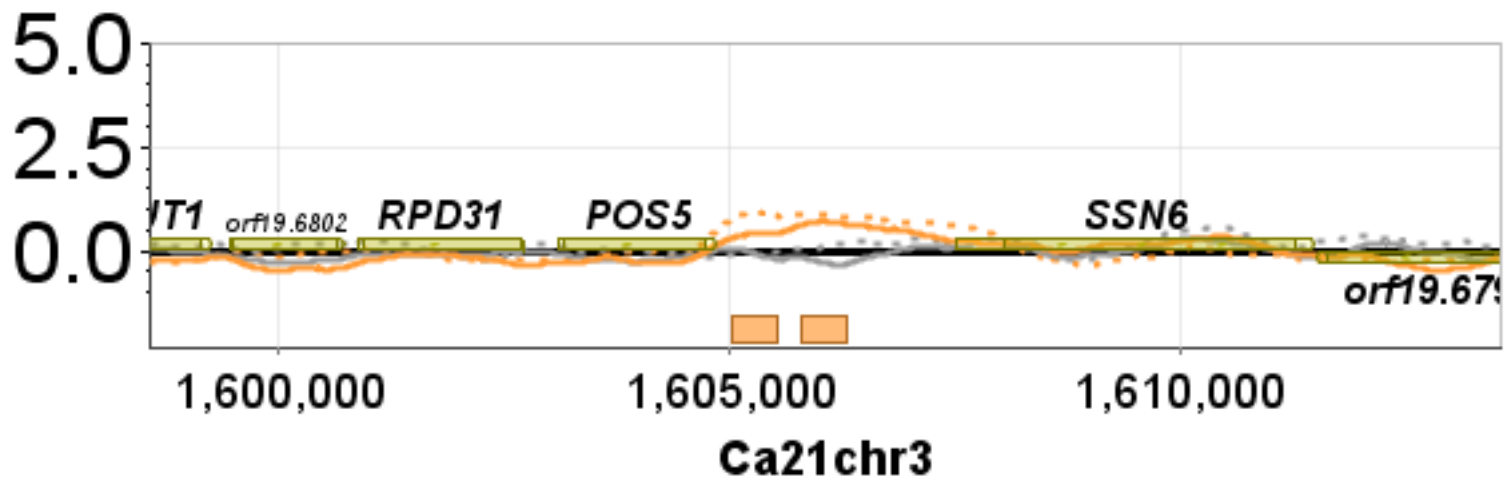
[0.722] Ca21chr1:1316527-1331526 [+] [orf19.1821, UME6]



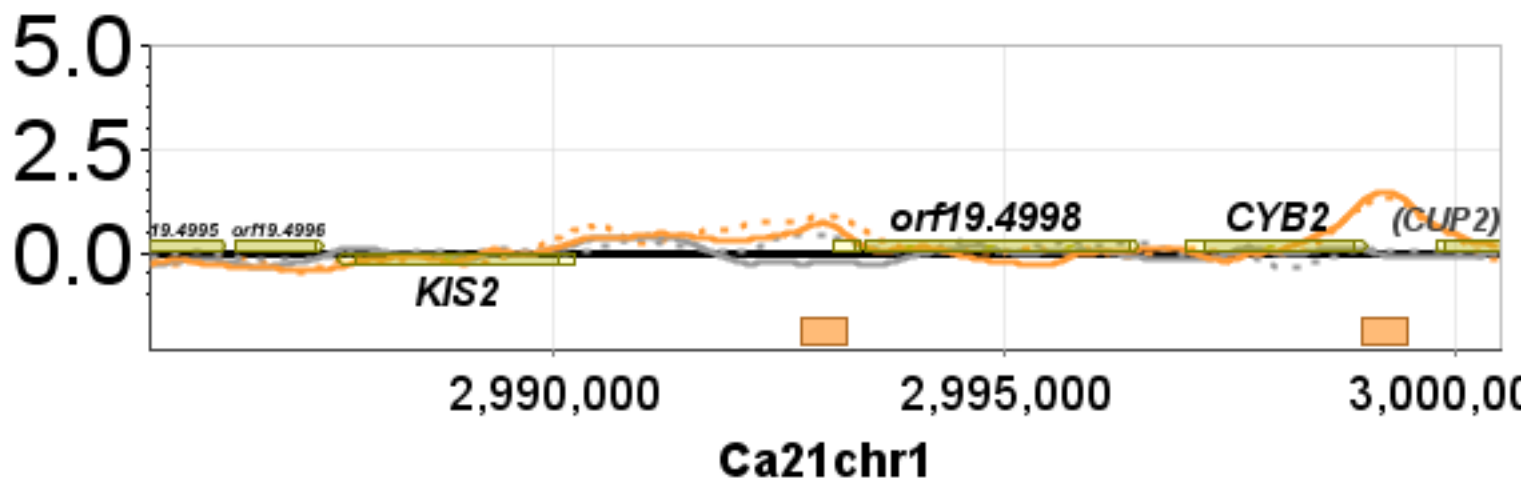
[0.721] Ca21chrR:1669569-1684568 [+] [HGT14, CDC45, ntar_1346, orf19.2633.1, ARO2]



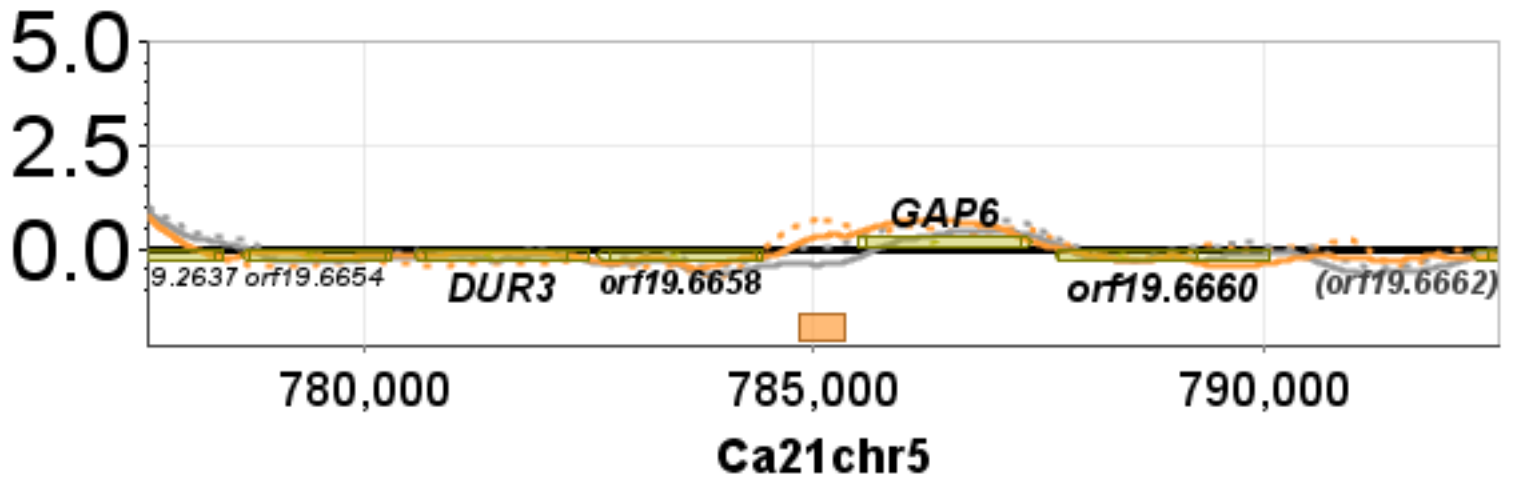
[0.718] Ca21chr3:1598550-1613549 [+] [SSN6, POS5, RPD31, orf19.6802, HUT1]



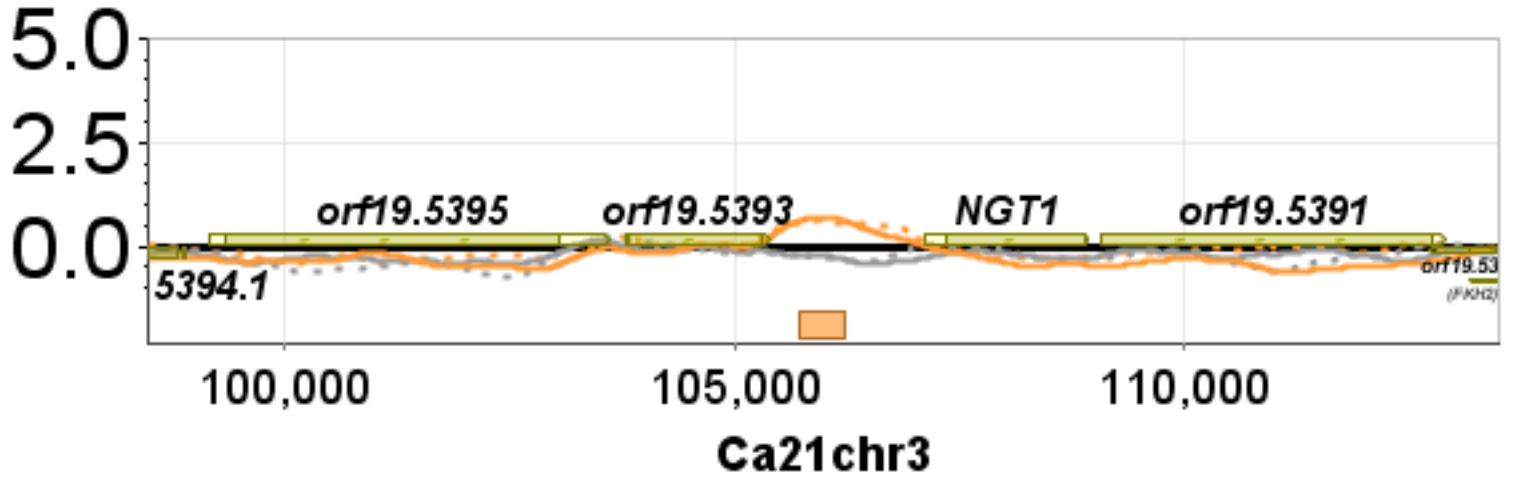
[0.716] Ca21chr1:2985496-3000495 [+] [orf19.4998, ntar_267, ntar_266, KIS2, CYB2]



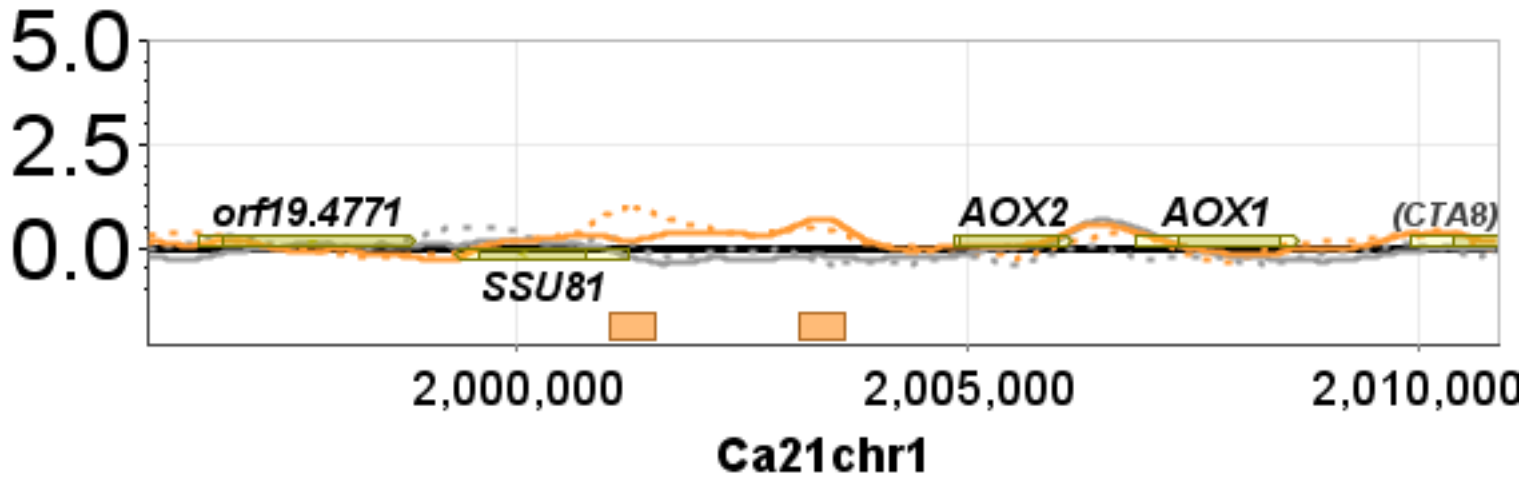
[0.715] Ca21chr5:777594-792593 [+] [GAP6, orf19.6658, DUR3, ntar_919, orf19.6654]



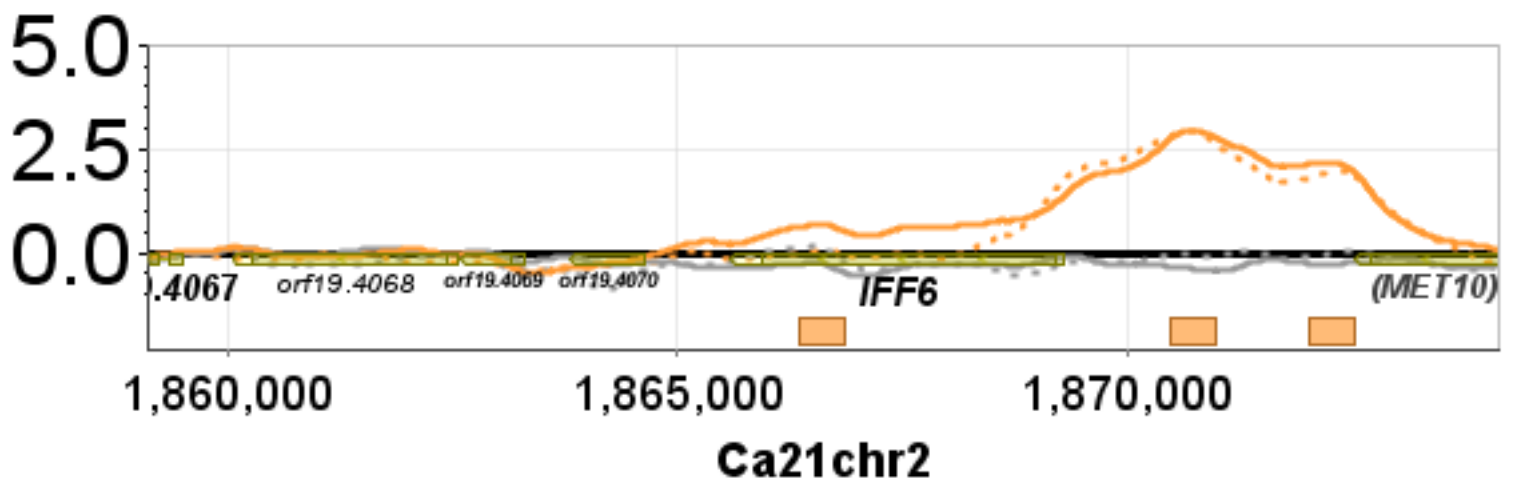
[0.713] Ca21chr3:98477-113476 [+] [NGT1, orf19.5393, ntar_529, orf19.5391, orf19.5395]



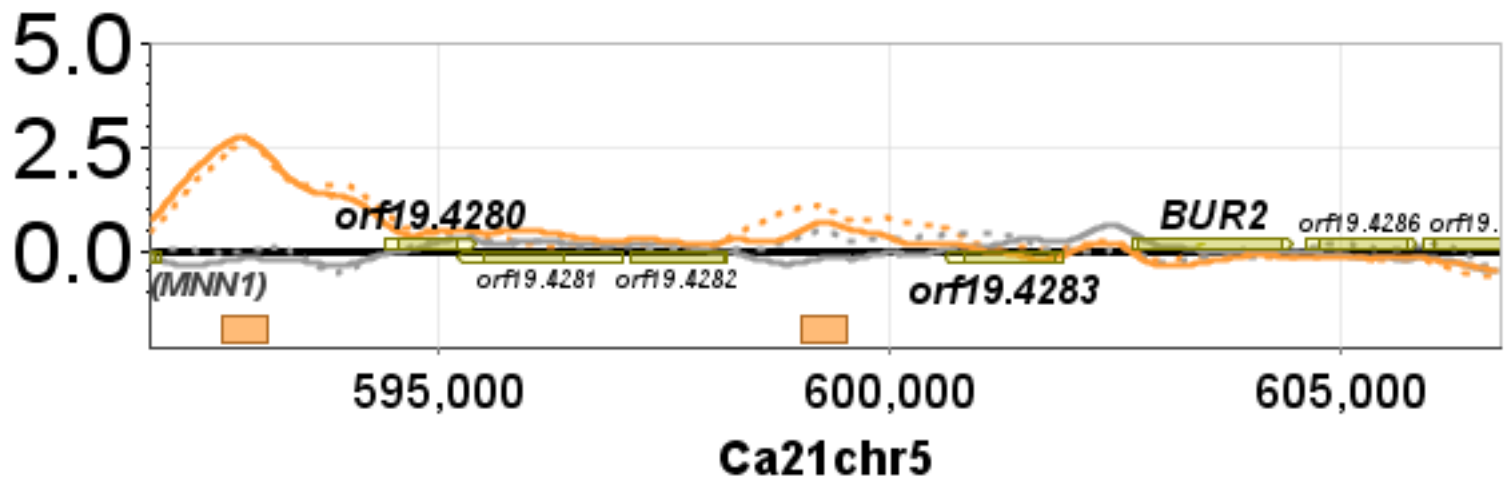
[0.708] Ca21chr1:1995880-2010879 [+] [ntar_190, ntar_189, ntar_188, AOX2, SSU81]



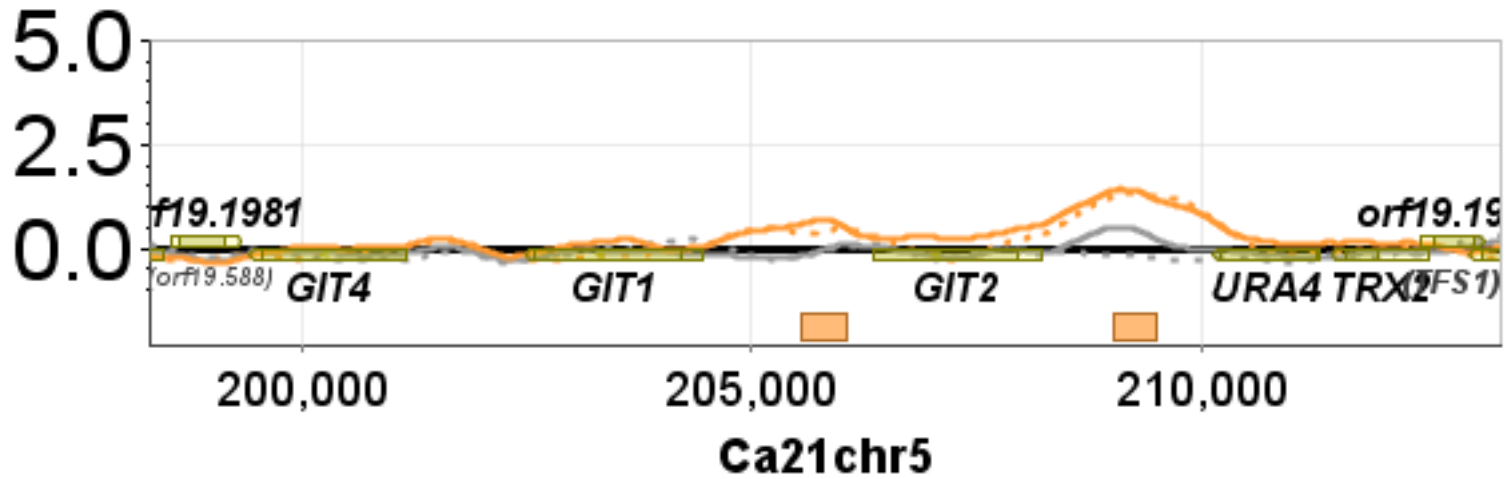
[0.706] Ca21chr2:1859110-1874109 [+] [ntar_469, orf19.4070, IFF6, orf19.4069, ntar_470]



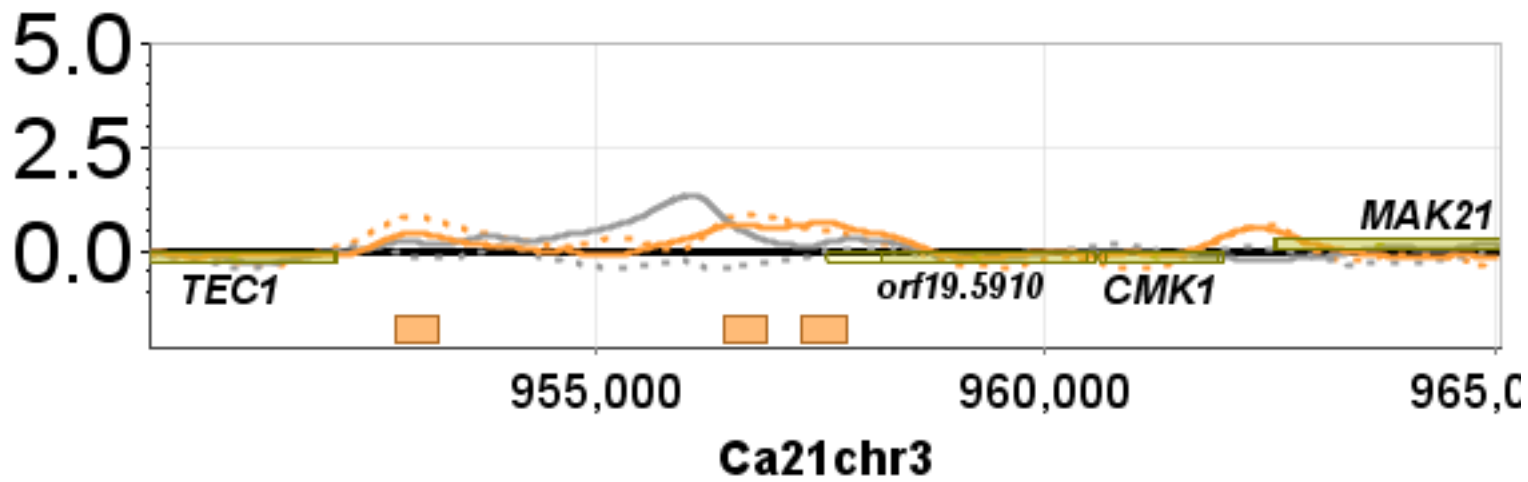
[0.697] Ca21chr5:591779-606778 [+] [ntar_901, ntar_902, orf19.4282, orf19.4281, orf19.4283]



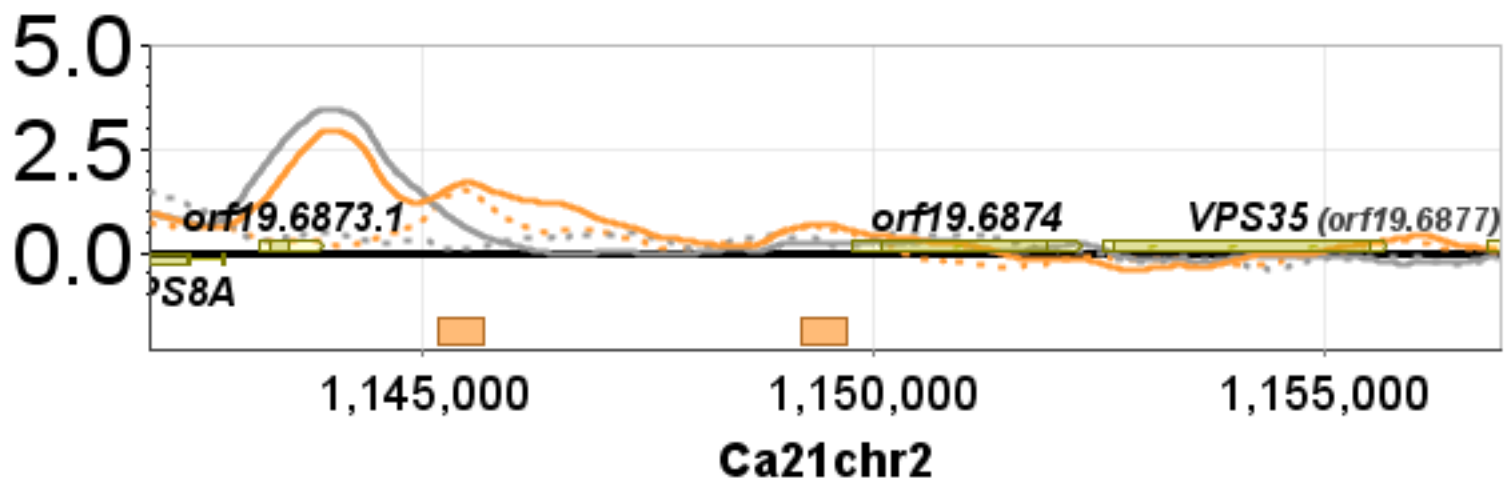
[0.694] Ca21chr5:198305-213304 [+] [GIT1, GIT2, GIT4, URA4, orf19.1975]



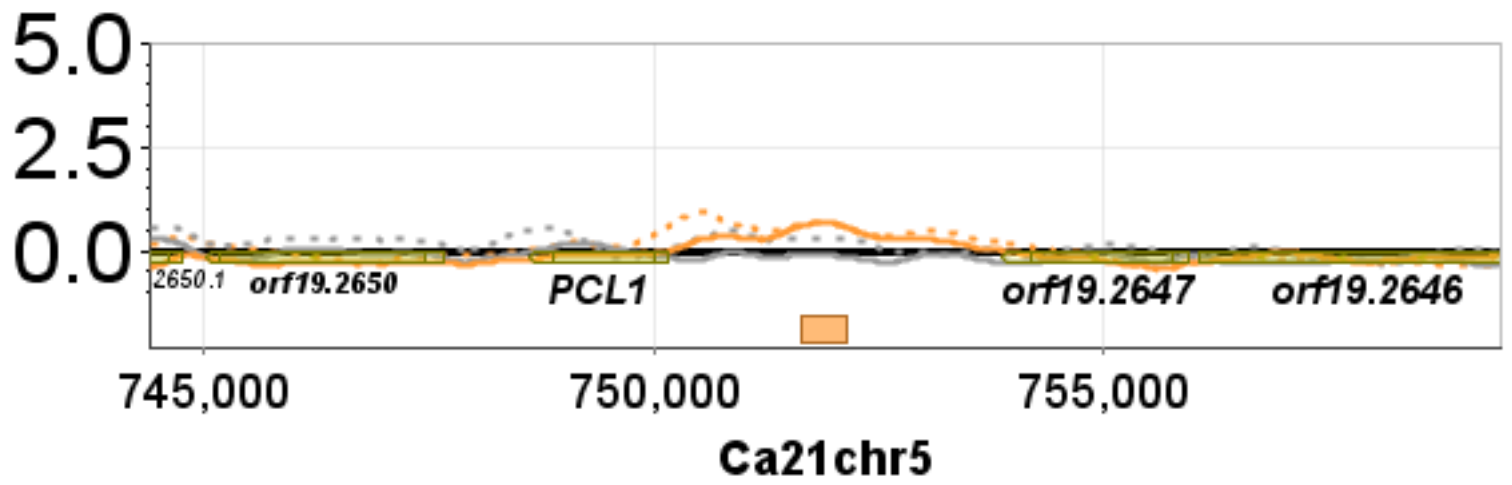
[0.693] Ca21chr3:950042-965041 [+] [orf19.5910, CMK1, MAK21, TEC1]



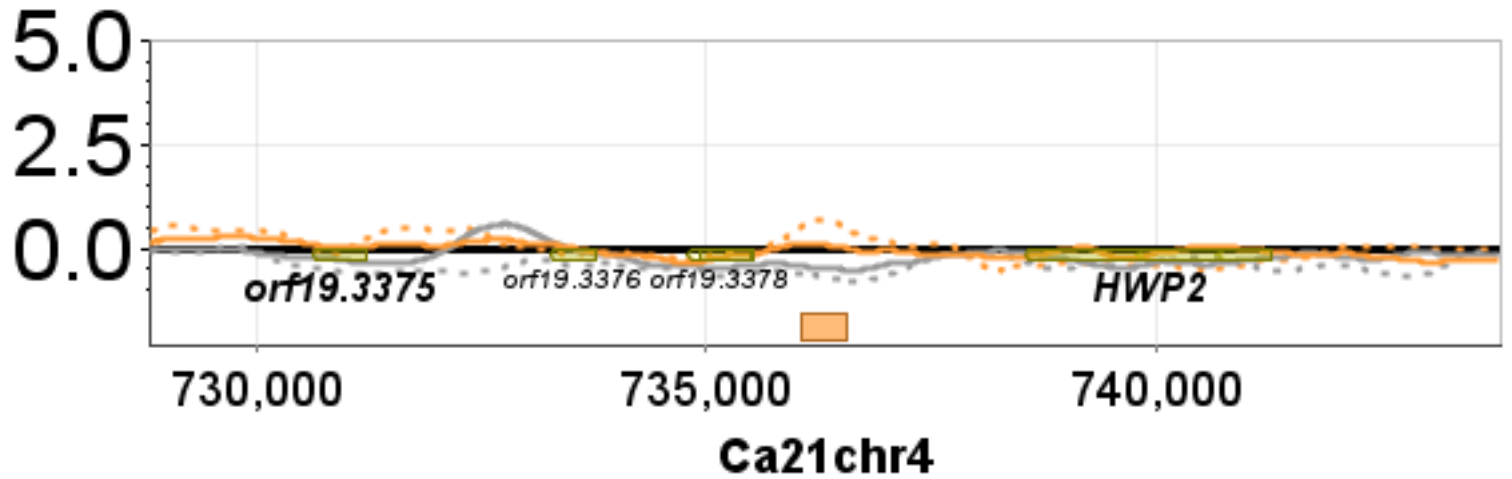
[0.685] Ca21chr2:1141953-1156952 [+] [orf19.6874, VPS35, ts(aga)4, orf19.6873.1, RPS8A]



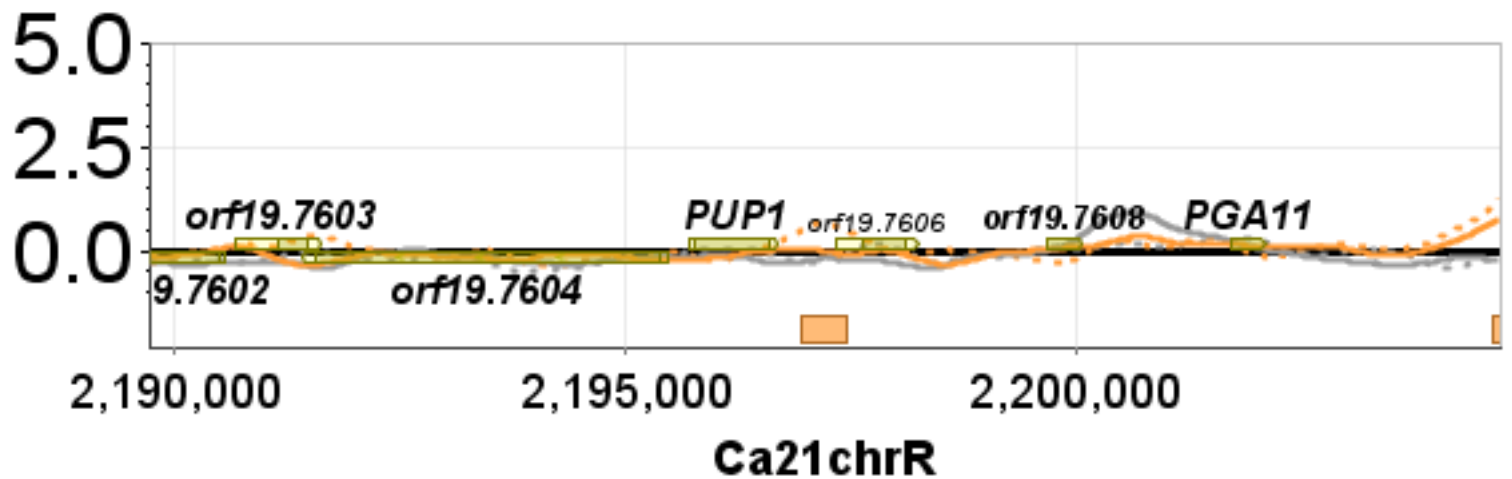
[0.682] Ca21chr5:744394-759393 [+] [PCL1, orf19.2647, orf19.2650.1, orf19.2646]



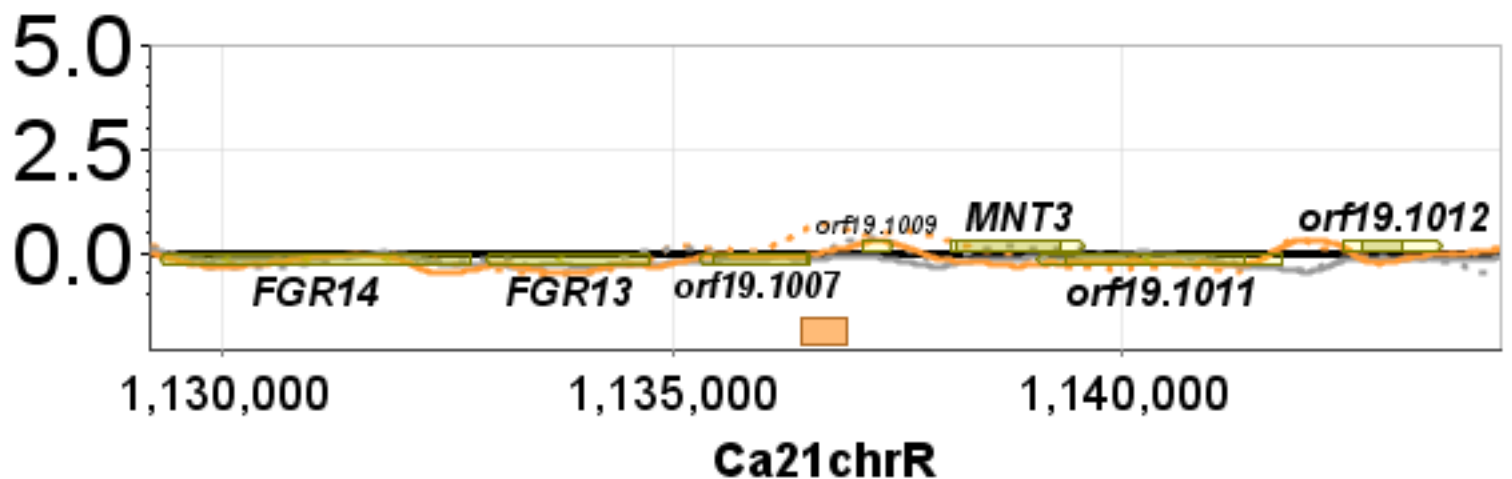
[0.676] Ca21chr4:728811-743810 [+] [Intar_781, orf19.3378, orf19.3376, HWP2, orf19.3375]



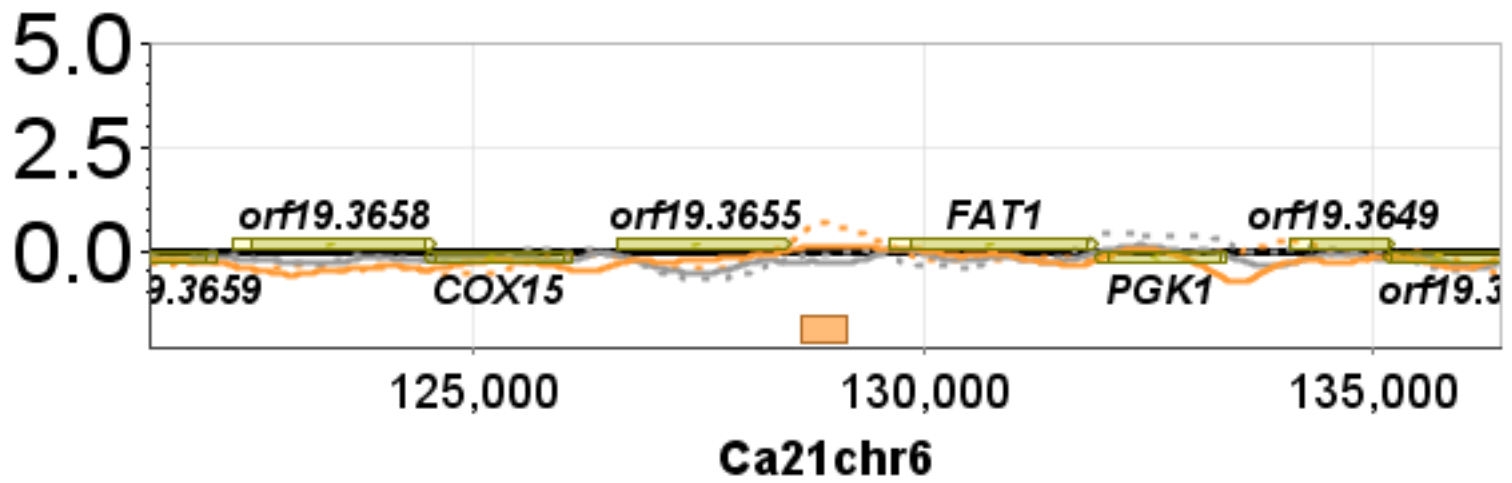
[0.675] Ca21chrR:2189707-2204706 [+] [orf19.7606, PUP1, orf19.7604, orf19.7608, PGA11]



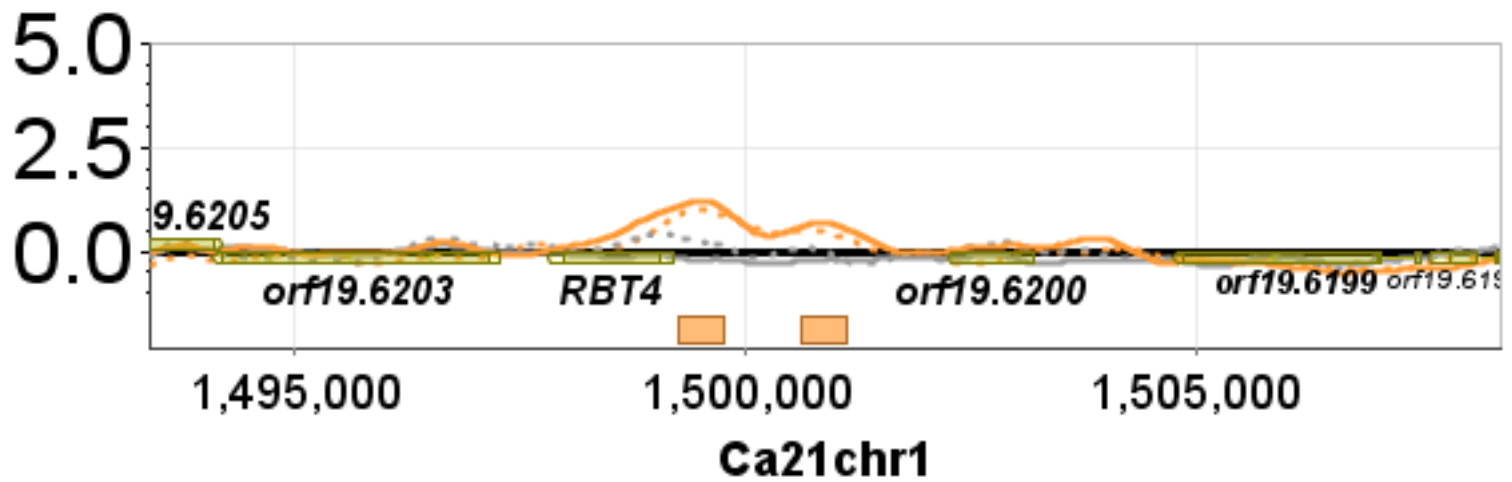
[0.665] Ca21chrR:1129185-1144184 [+] [orf19.1008, orf19.1007, orf19.1009, MNT3, ntar_1282]



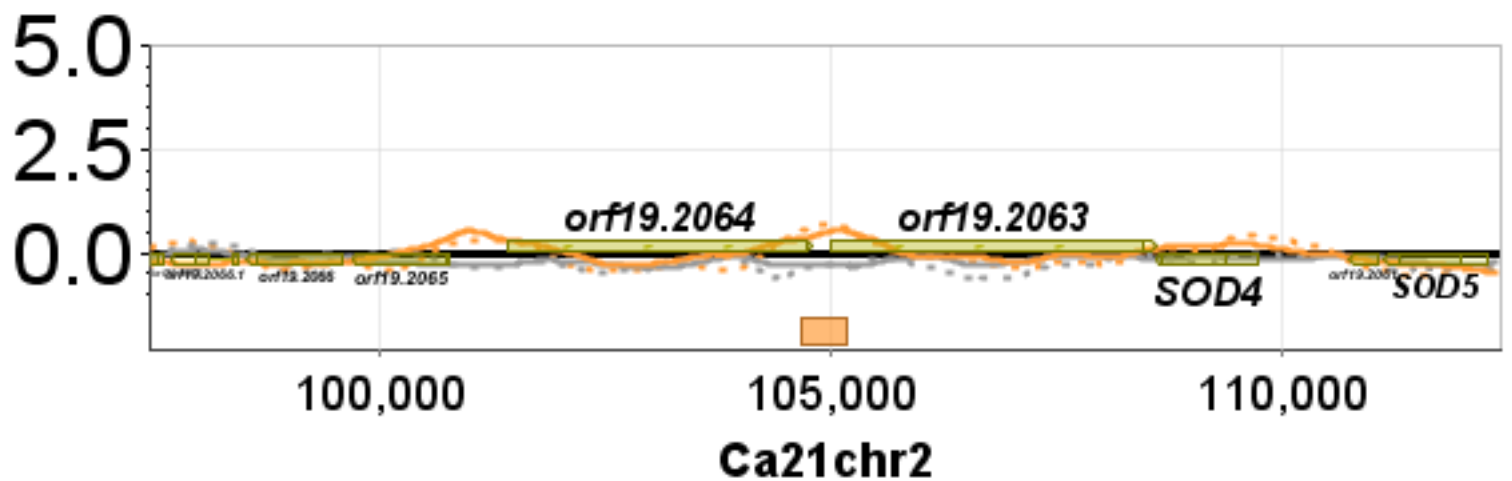
[0.663] Ca21chr6:121394-136393 [+] [ntar_973, ntar_972, FAT1, orf19.3655, COX15]



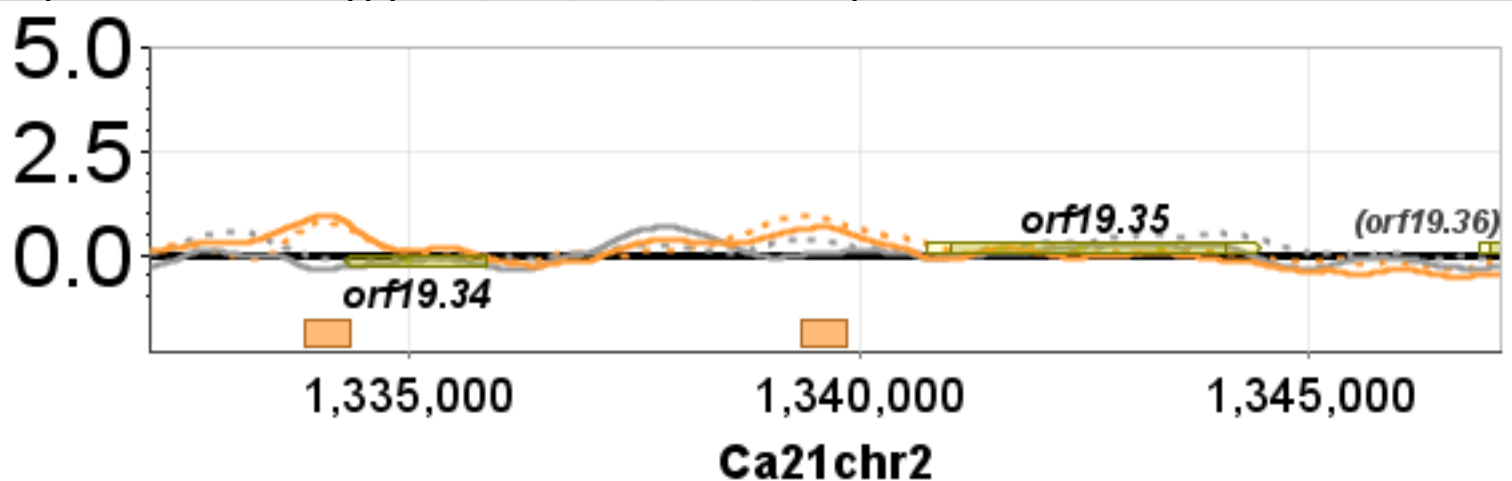
[0.662] Ca21chr1:1493374-1508373 [+] [RBT4, orf19.6200, orf19.6203, orf19.6199, orf19.6198.1]



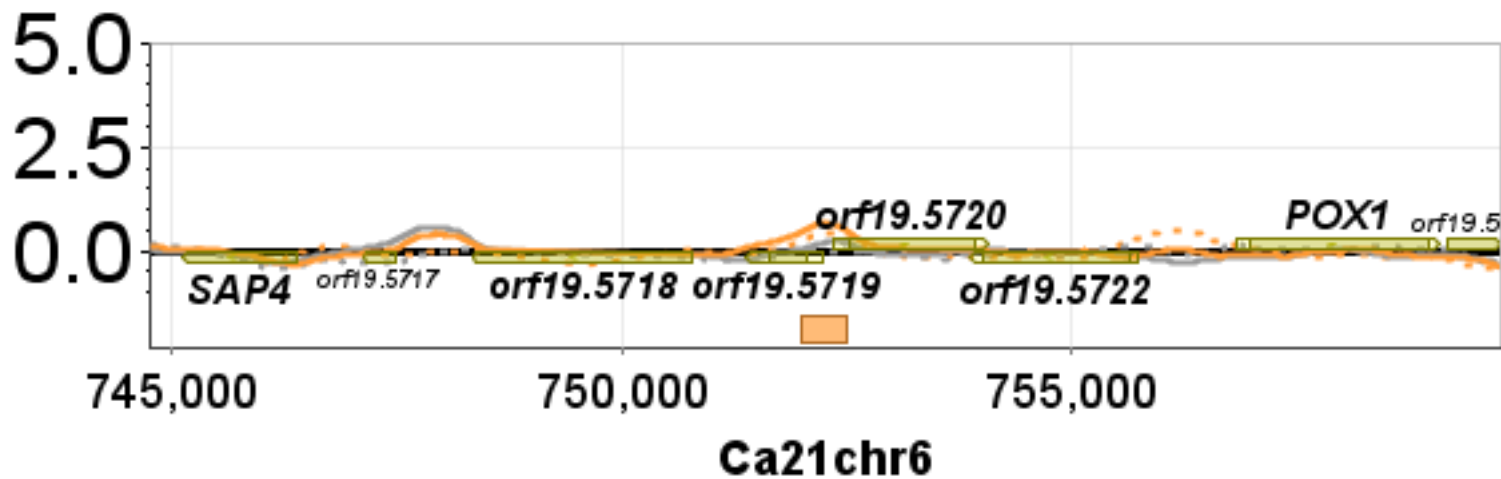
[0.661] Ca21chr2:97430-112429 [+] [ntar_292, orf19.2063, orf19.2064, orf19.2065, SOD4]



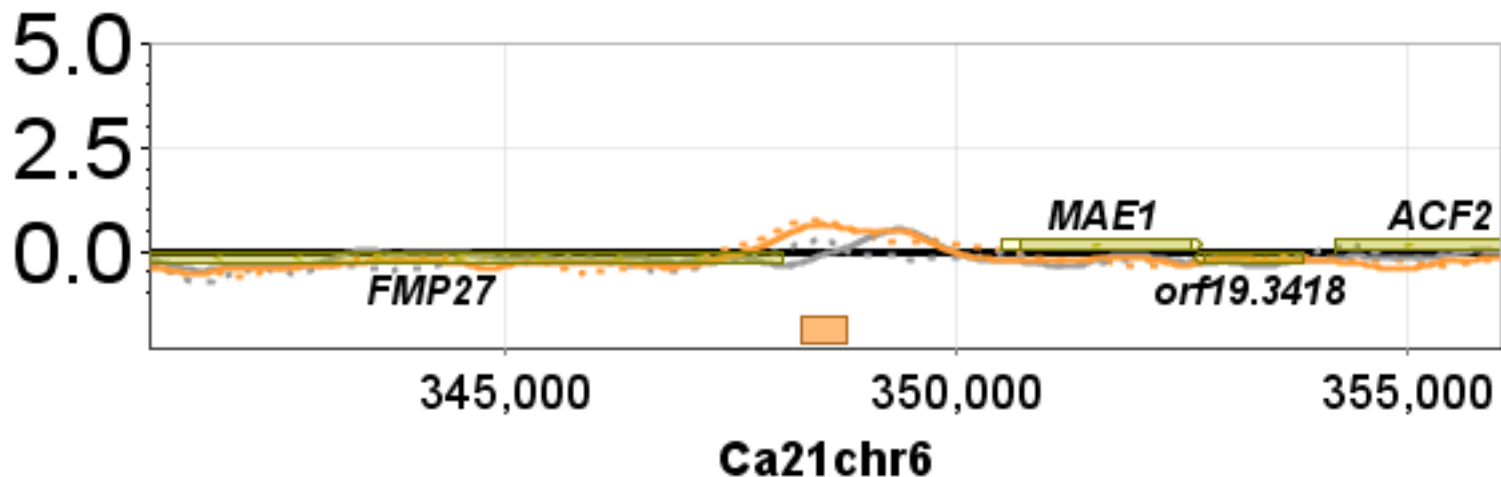
[0.661] Ca21chr2:1332114-1347113 [+] [ntar_406, orf19.35, orf19.34, ntar_405, ntar_404]



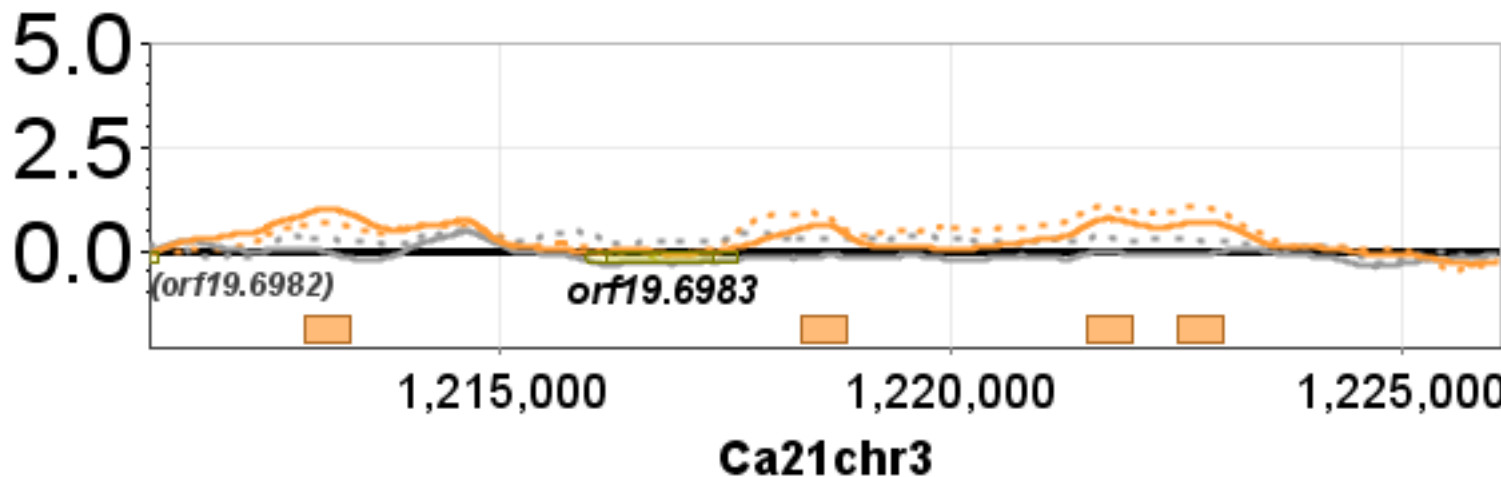
[0.656] Ca21chr6:744752-759751 [+] [orf19.5719, orf19.5720, ntar_1028, orf19.5718, orf19.5722]



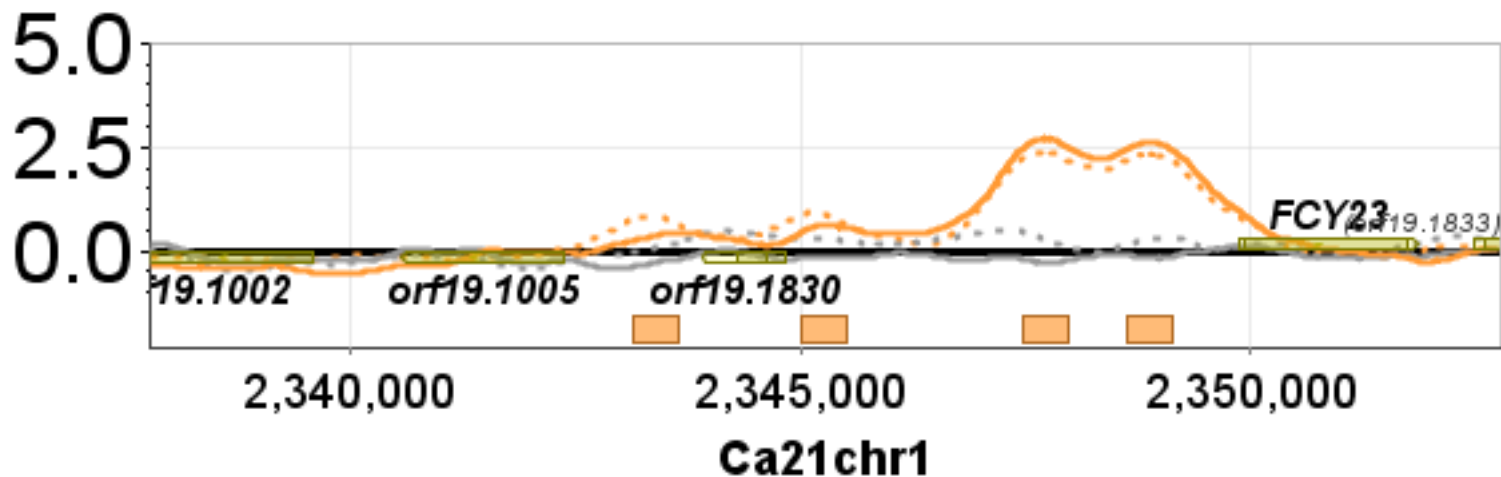
[0.653] Ca21chr6:341034-356033 [+] [orf19.3420, FMP27, MAE1, orf19.3418, ACF2]

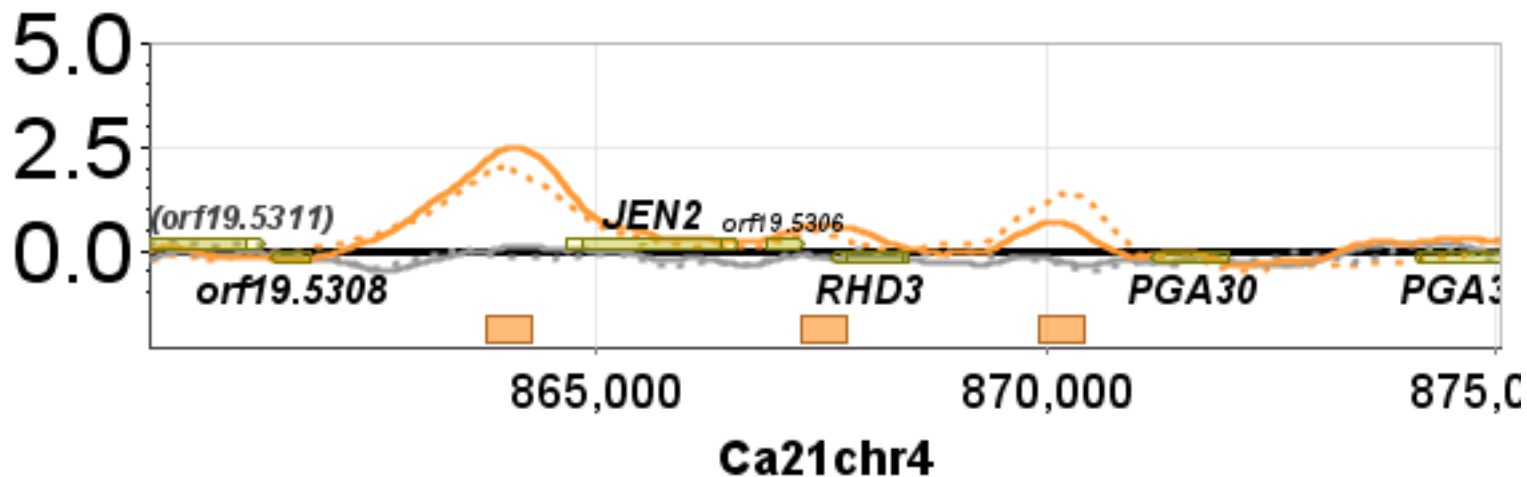
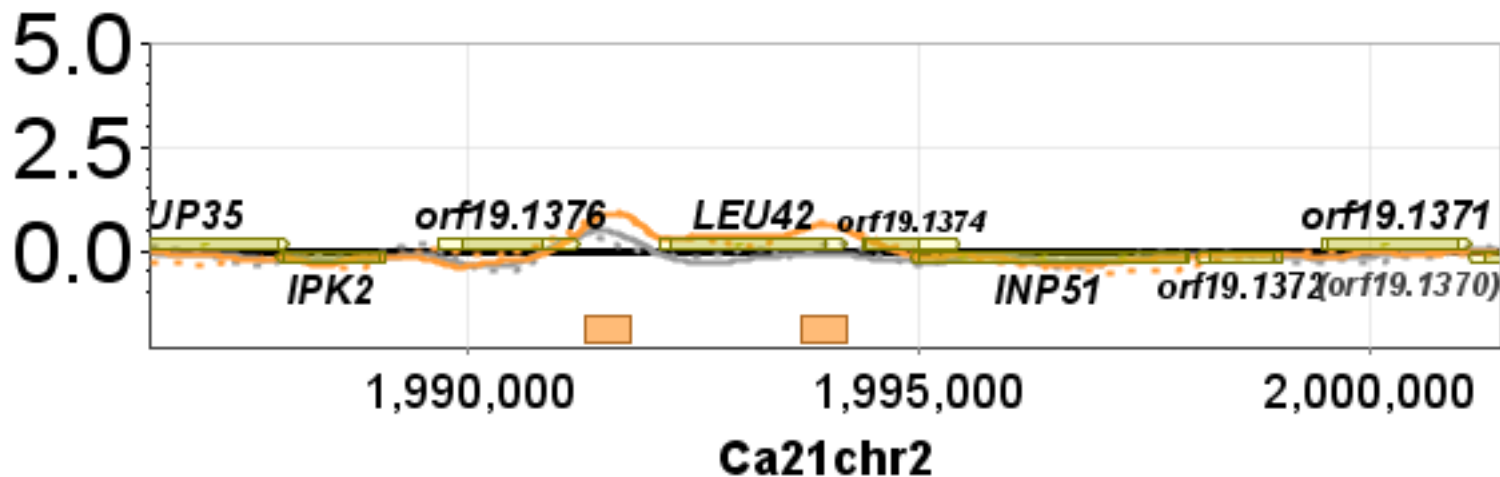
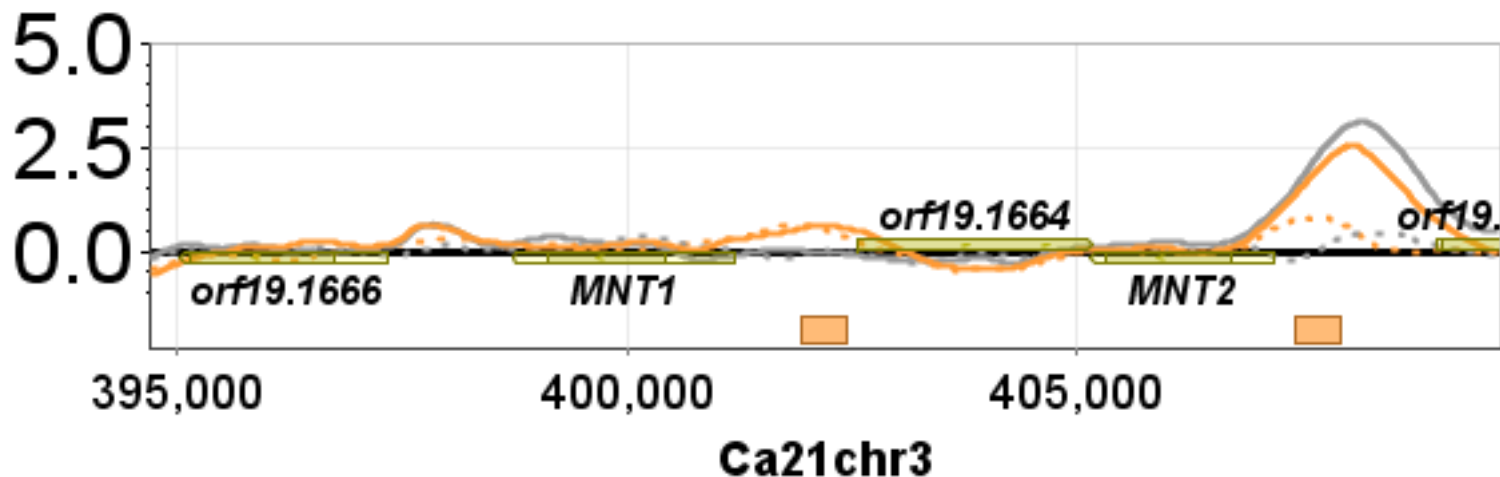
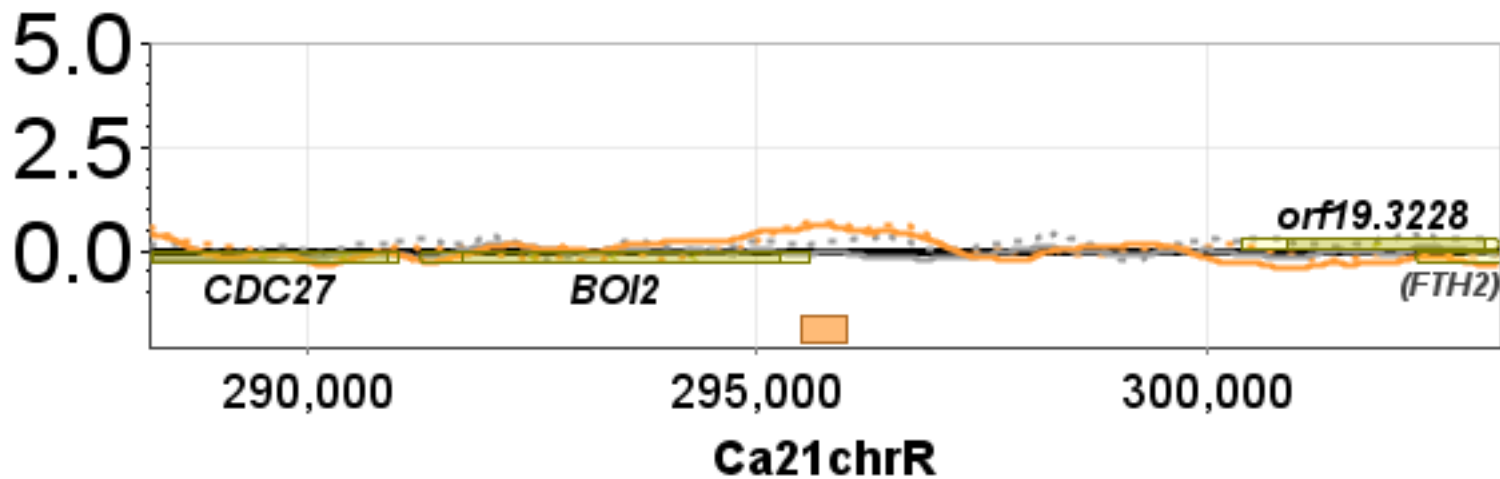


[0.631] Ca21chr3:1211094-1226093 [+] [orf19.6983, ntar_632, ntar_633, orf19.6982]

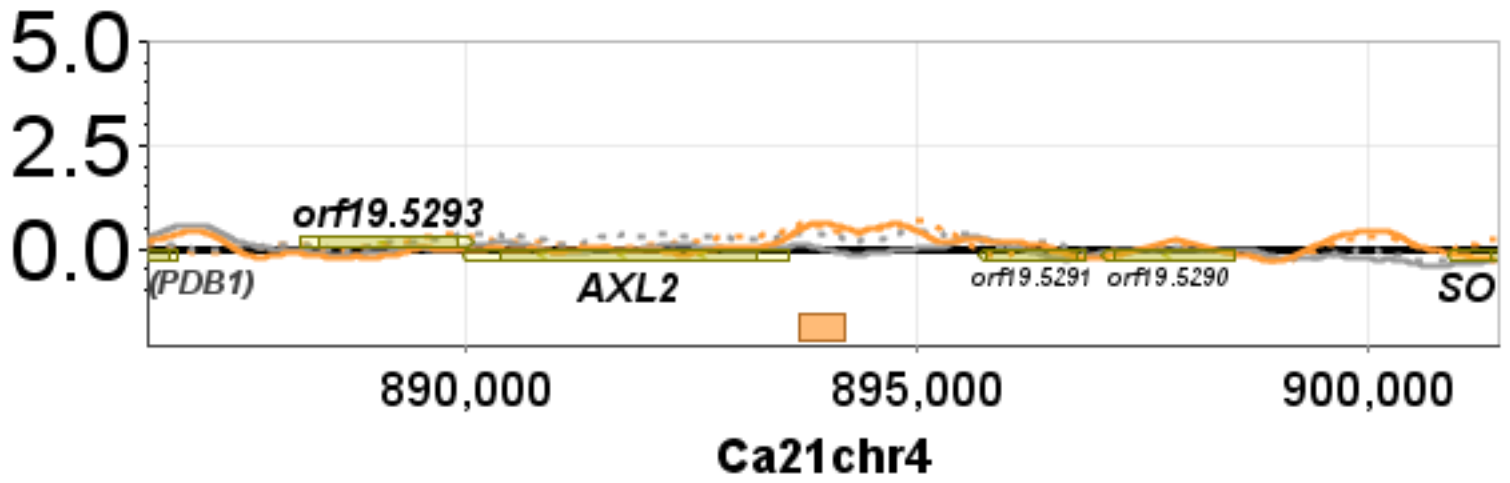


[0.63] Ca21chr1:2337765-2352764 [+] [ntar_220, orf19.1830, ntar_221, orf19.1005, ntar_222]

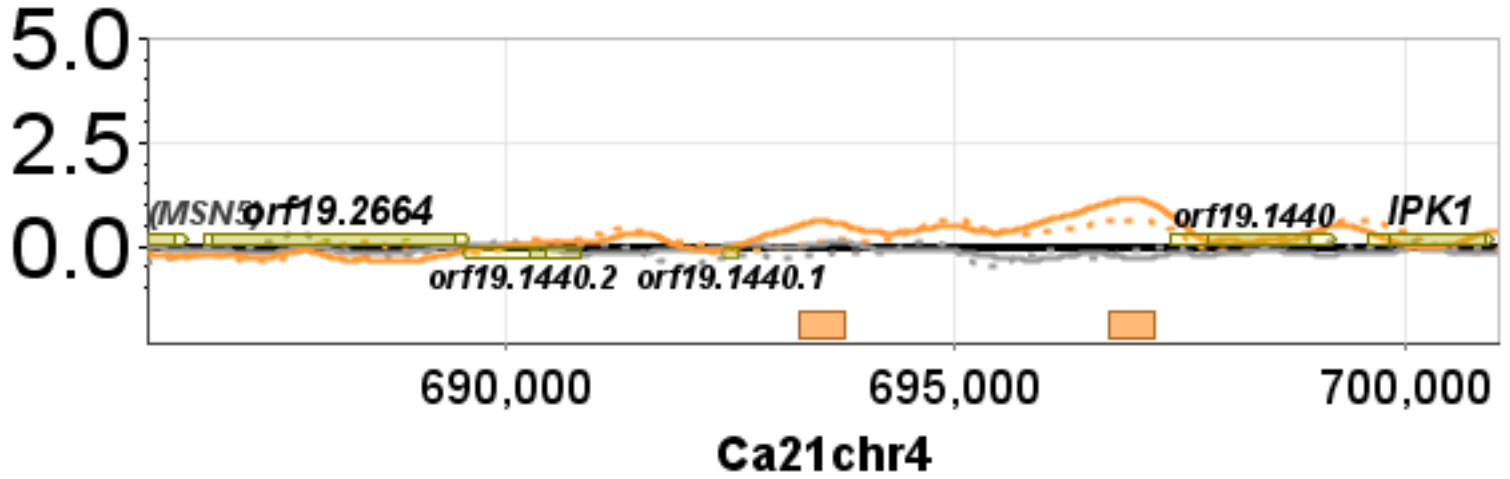




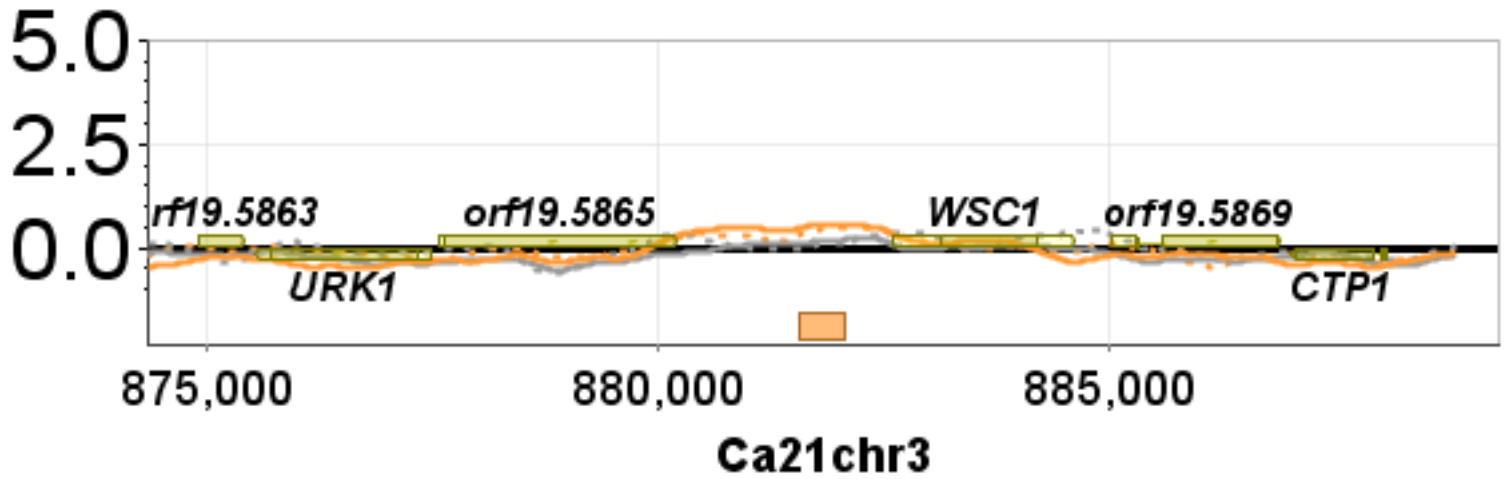
[0.61] Ca21chr4:886451-901450 [+] [AXL2, ntar_795, orf19.5291, orf19.5290, ntar_796]



[0.6] Ca21chr4:686020-701019 [+] [ntar_778, orf19.1440.1, orf19.1440.2, ntar_779, orf19.1440]

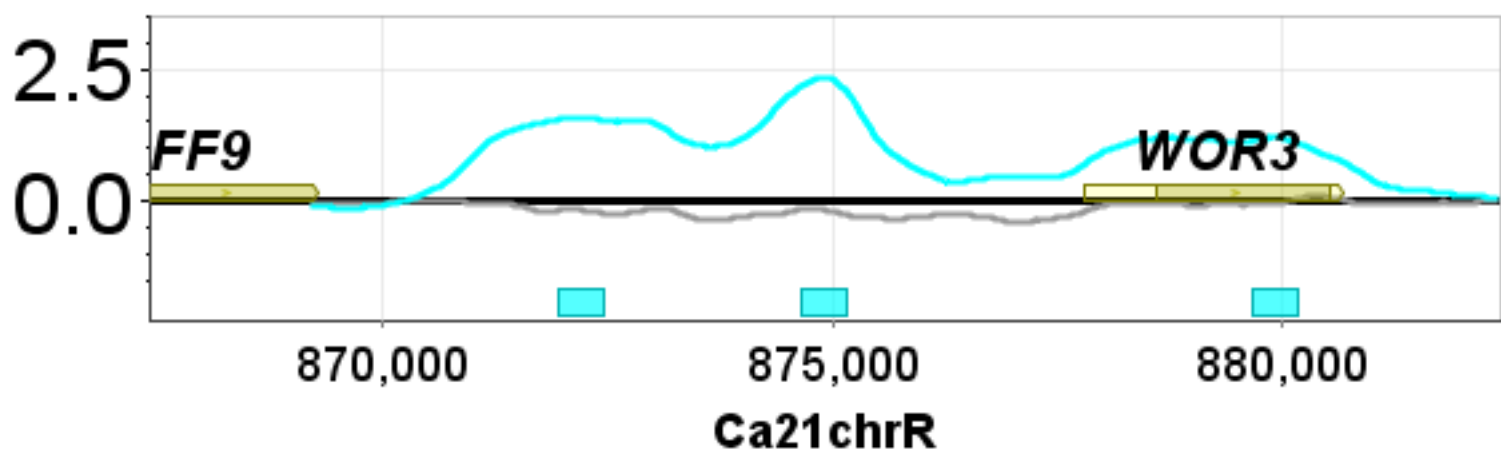
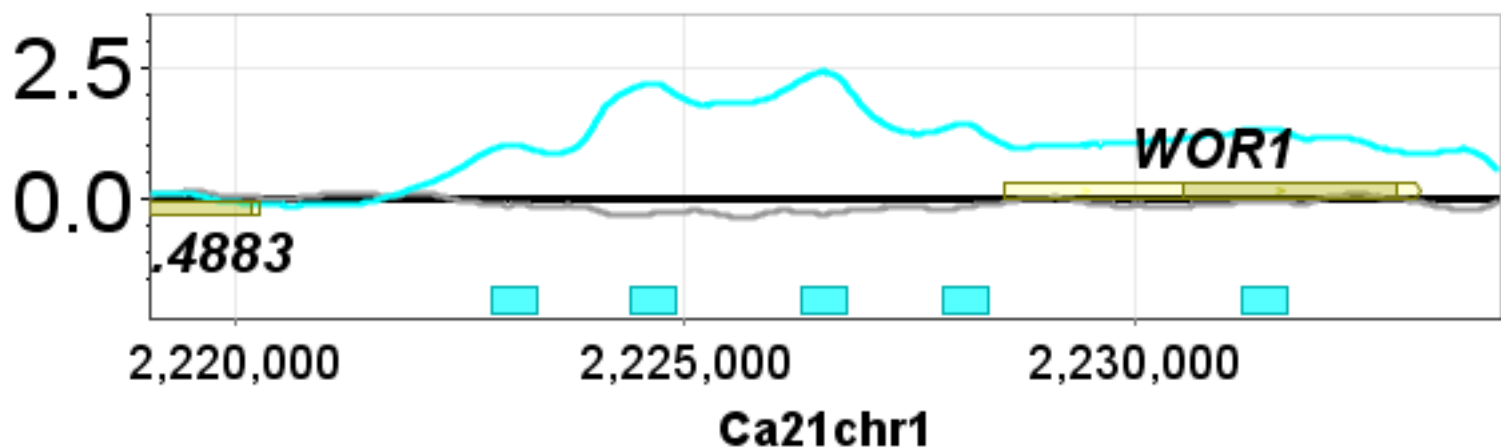
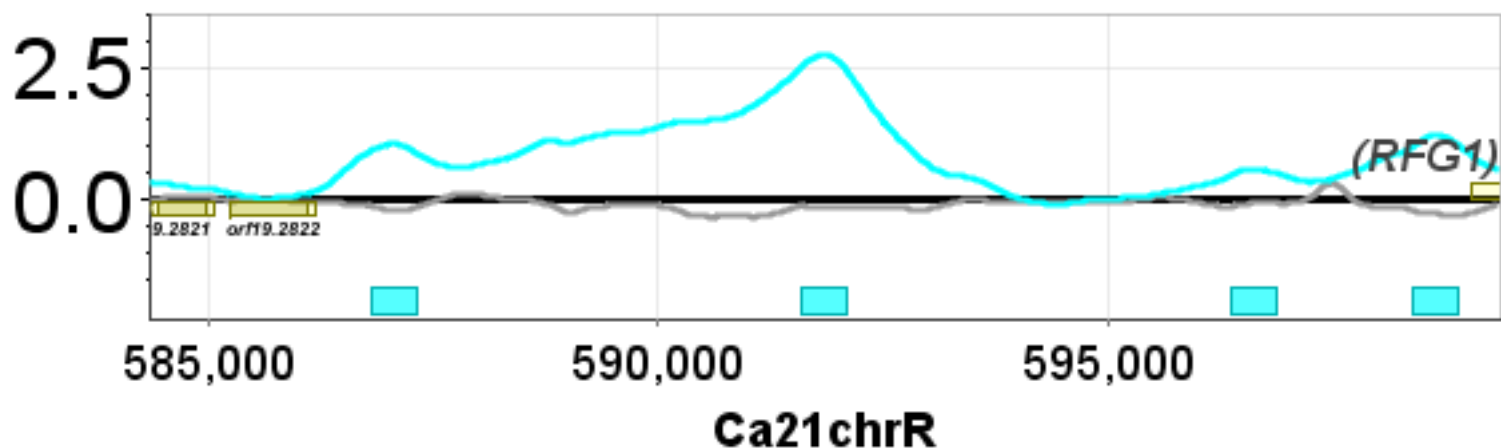
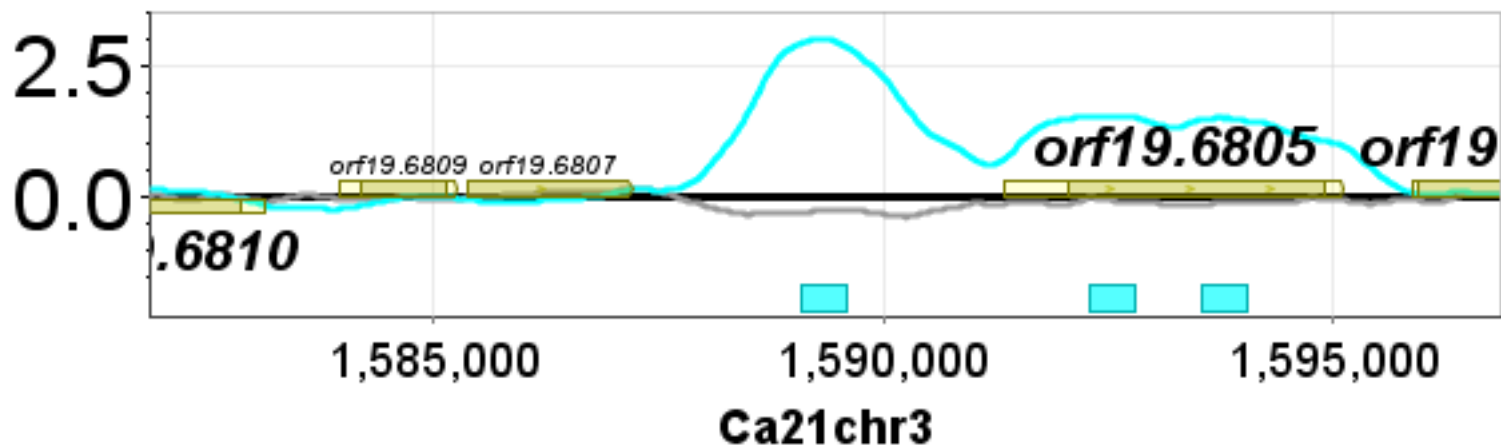


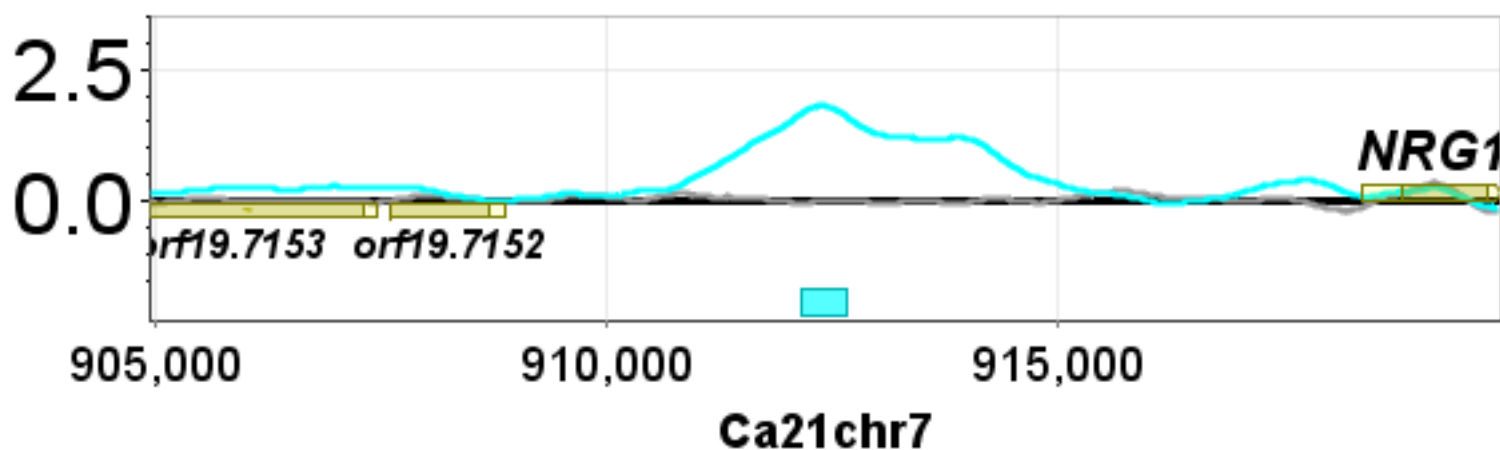
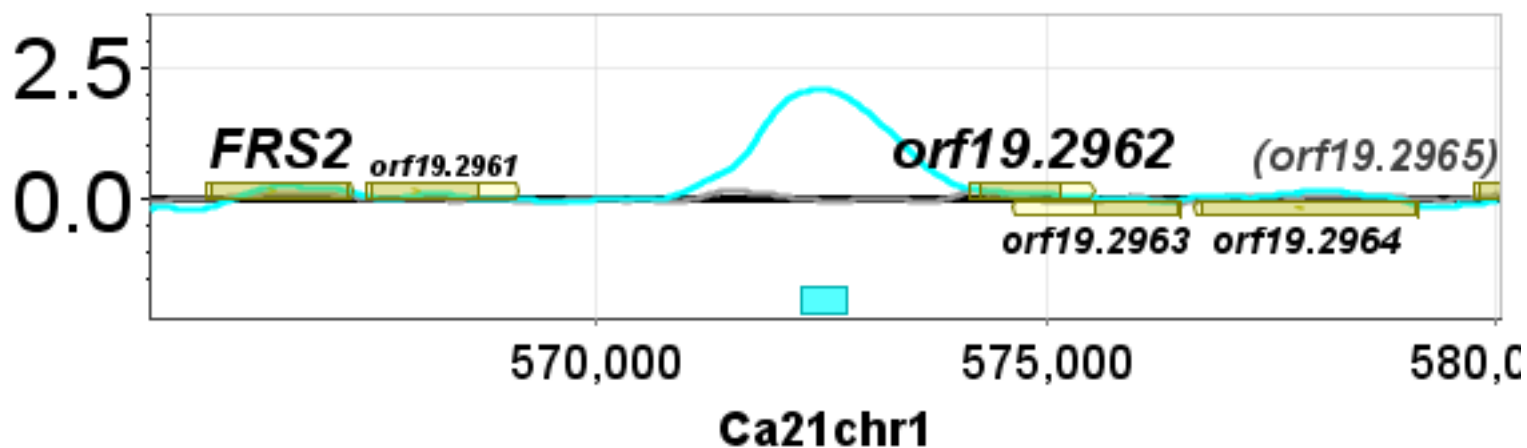
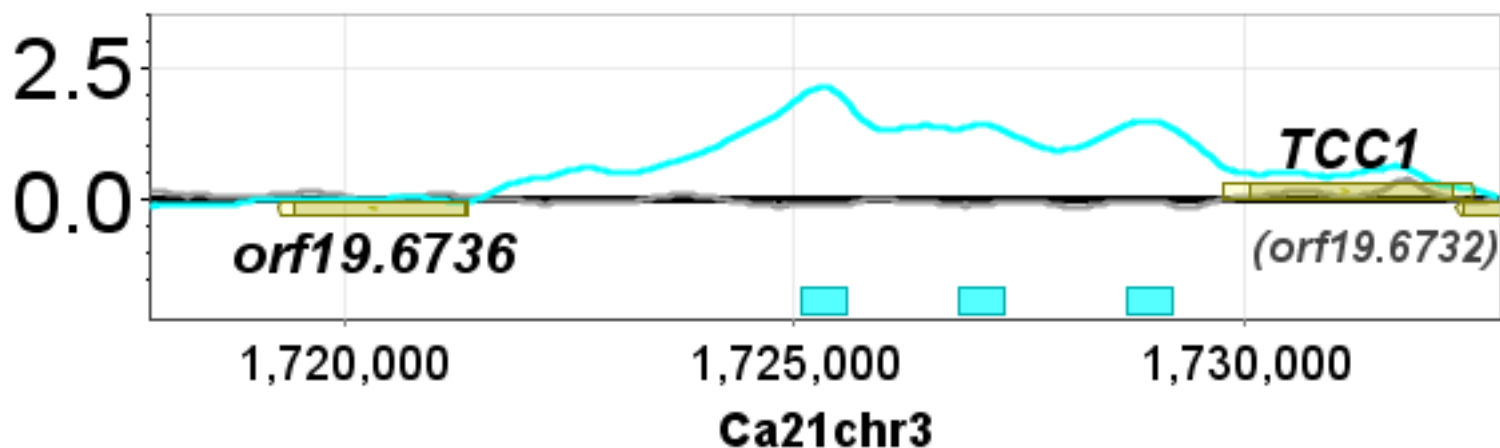
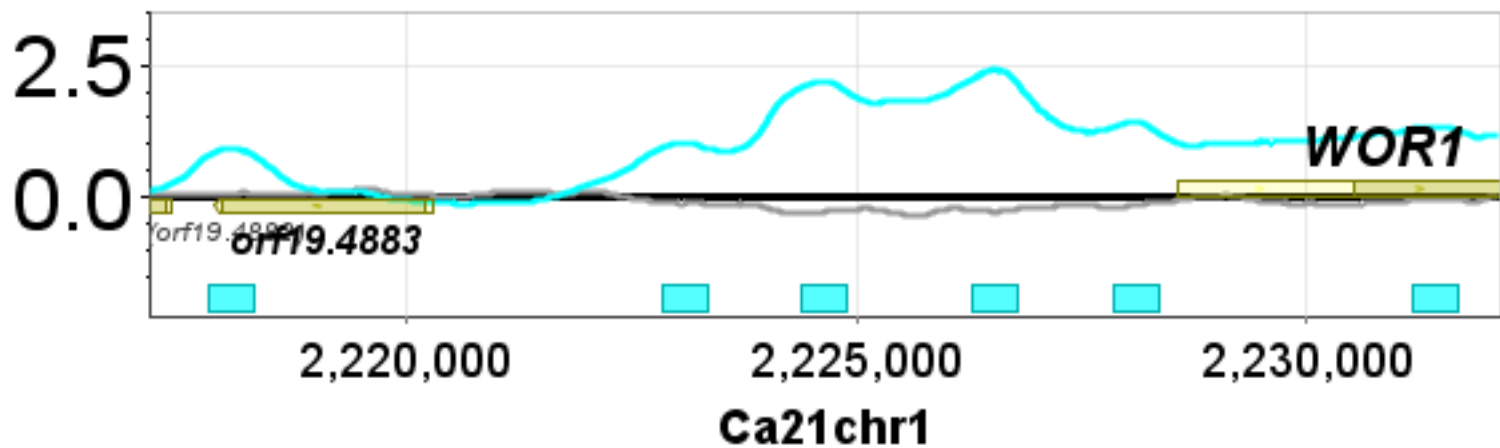
[0.58] Ca21chr3:874328-889327 [+] [orf19.5866, WSC1, orf19.5869, orf19.5865, URK1]



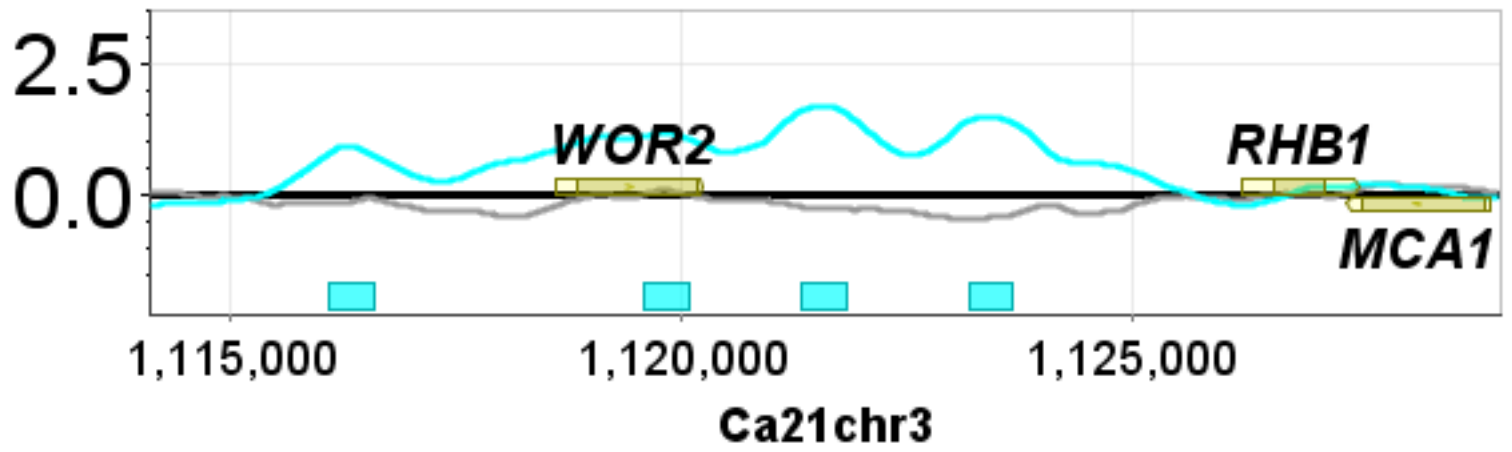
Full genome chromatin immunoprecipitation (ChIP-chip) mapping of Wor3 binding sites in opaque cells.

Previously published plots of 15kb regions centered on the set of 174 Wor3 binding sites in opaque cells (Lohse, et al., 2013). Smoothed enrichment data for the Wor3-myc strain is shown in light blue, for the untagged control strain in grey. The 500bp called peaks of Wor3 enrichment are indicated by the light blue boxes in the lower track in each image. Peaks are arranged in order of decreasing Wor3 enrichment. Enrichment (\log_2) is indicated on the y-axis. Chromosomal locations and specific enrichment levels for the peak are indicated in the strip above each panel; when multiple peaks are present the enrichment value corresponds to the peak at the center of the plot. Yellow boxes correspond to genes; 5' or 3' untranslated regions are included as lighter shaded portions of the box. Genes plotted above the bold line read in the sense direction; genes plotted below the line read in the antisense direction. Plots produced using the SnapShot Function in MochiView v1.46 (Homann and Johnson, 2010).

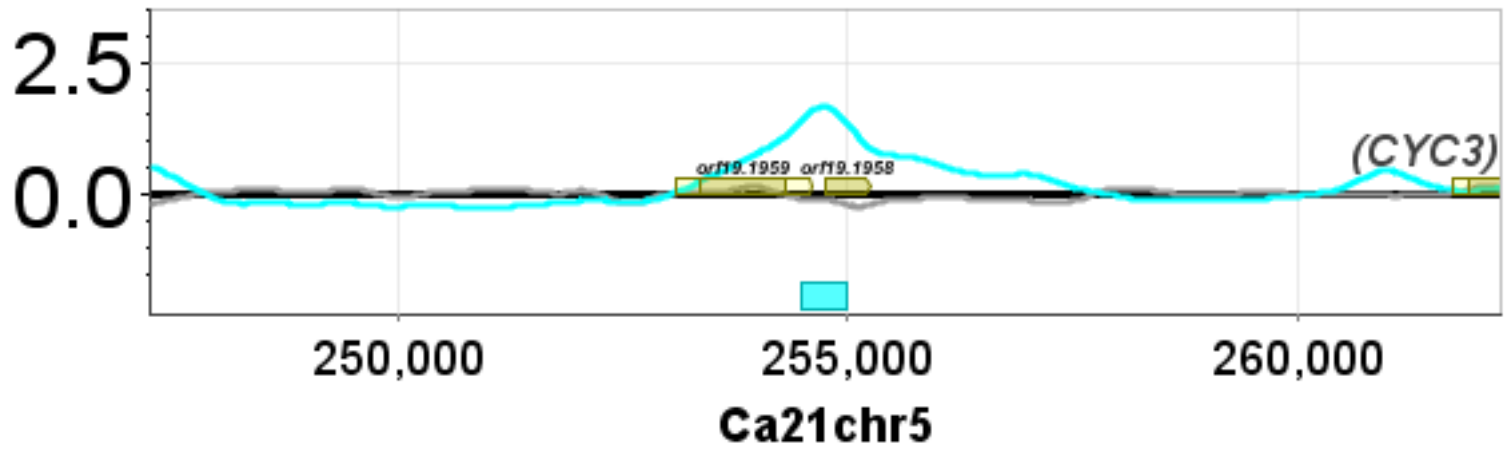




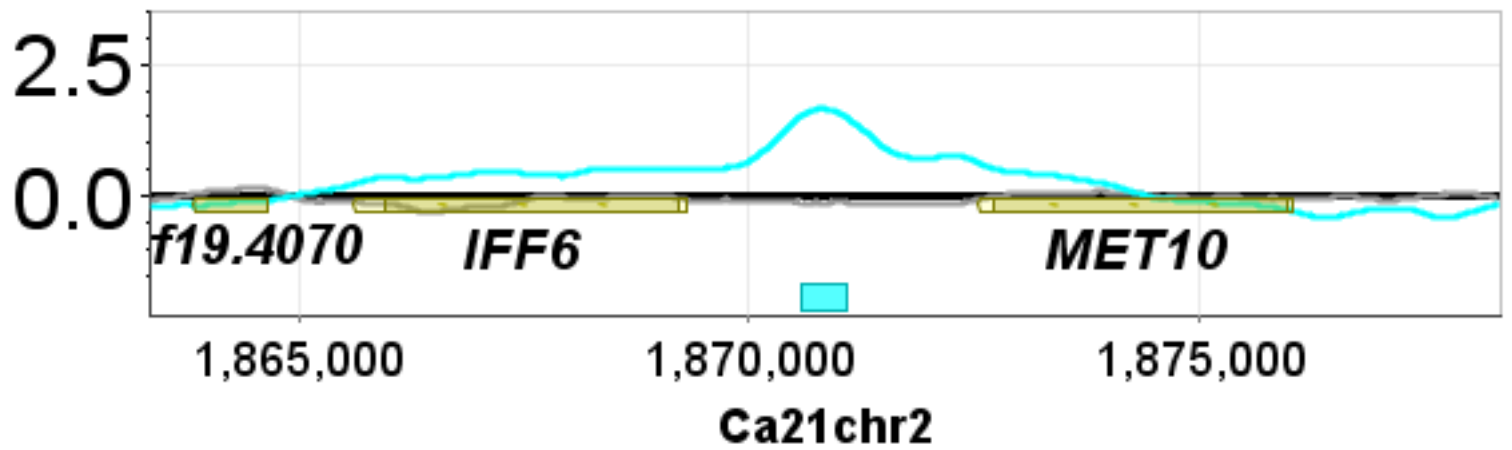
[1.683] Ca21chr3:1114086-1129085 [+] [ntar_614, ntar_615, ntar_616, ntar_617, WOR2]



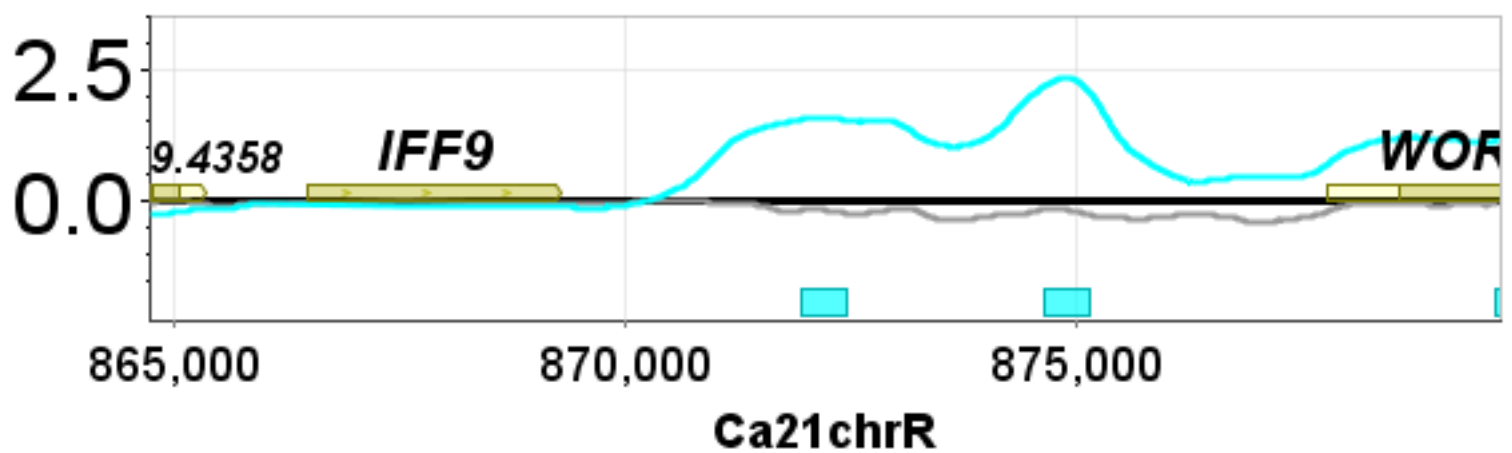
[1.653] Ca21chr5:247240-262239 [+] [orf19.1958, orf19.1959, ntar_866, ntar_867, ntar_864]



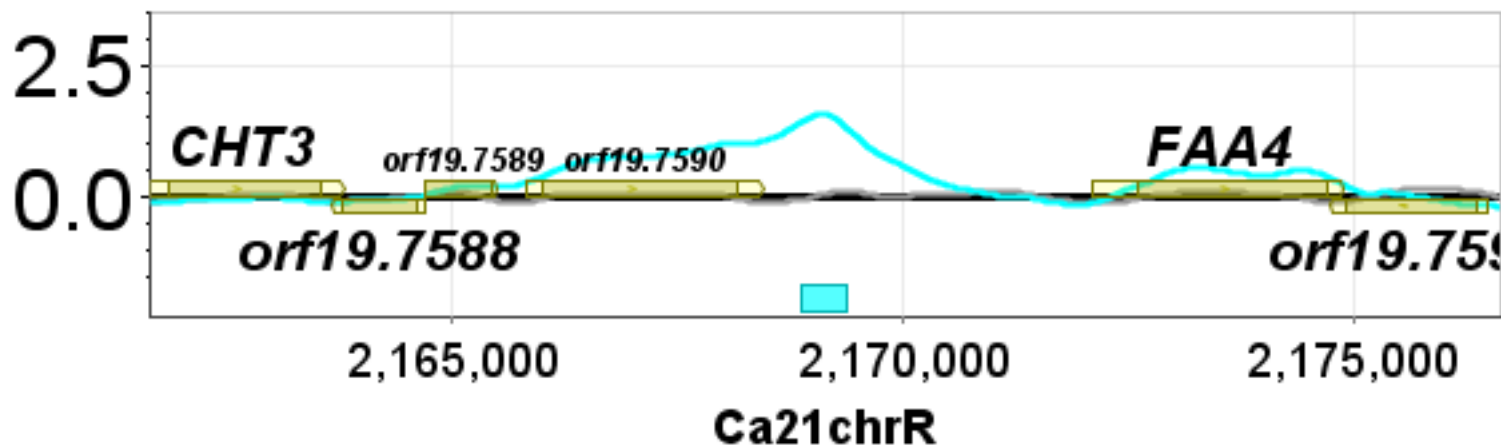
[1.642] Ca21chr2:1863334-1878333 [+] [ntar_470, IFF6, ntar_471, MET10, ntar_469]



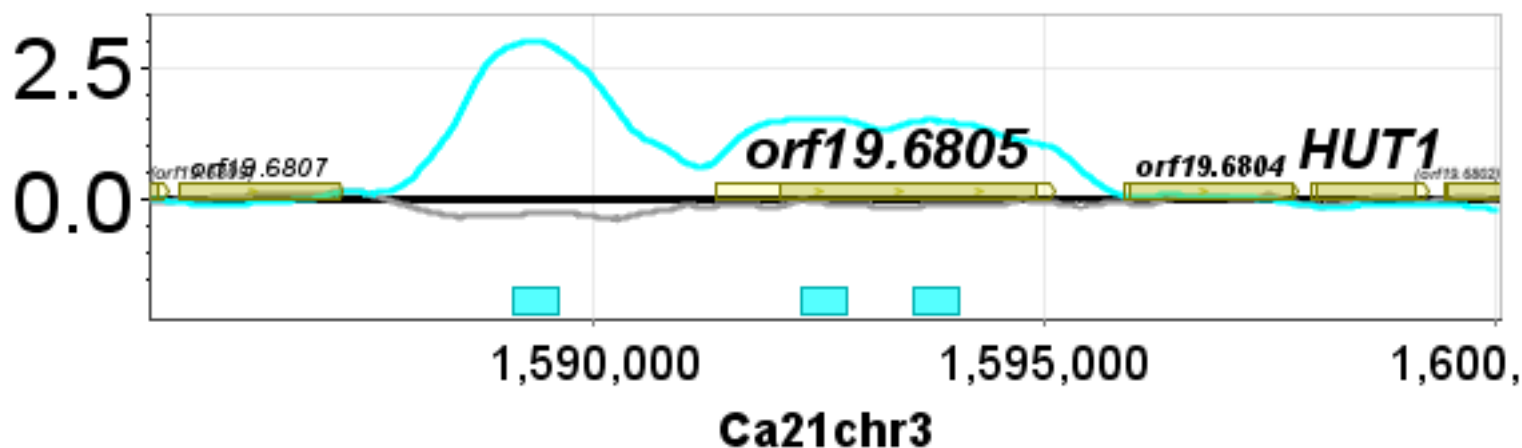
[1.588] Ca21chrR:864711-879710 [+] [orf19.467, IFF9, orf19.4358]



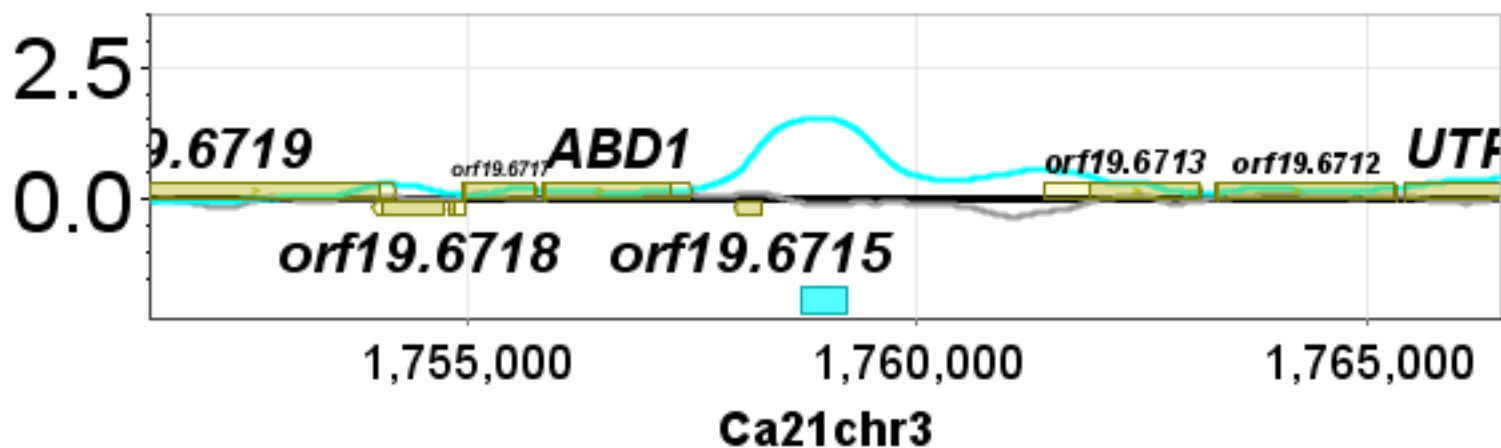
[1.569] Ca21chrR:2161624-2176623 [+] [ntar_1405, FAA4, ntar_1406, orf19.7590, ntar_1404]



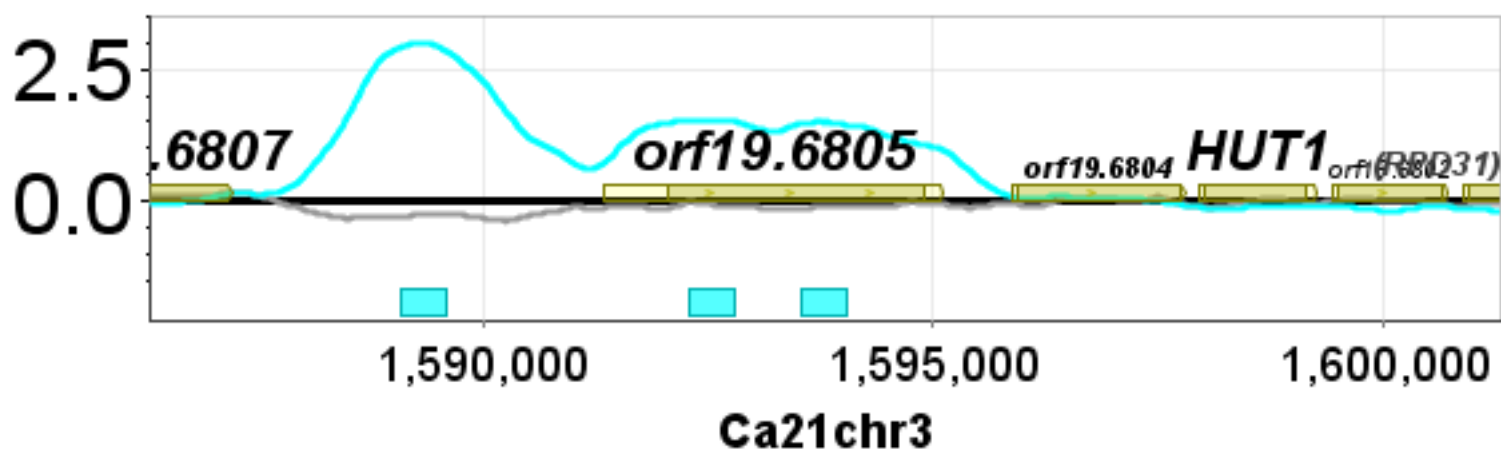
[1.526] Ca21chr3:1585056-1600055 [+] [orf19.6805, tv(qua)3, ntar_667, orf19.6804, ntar_666]



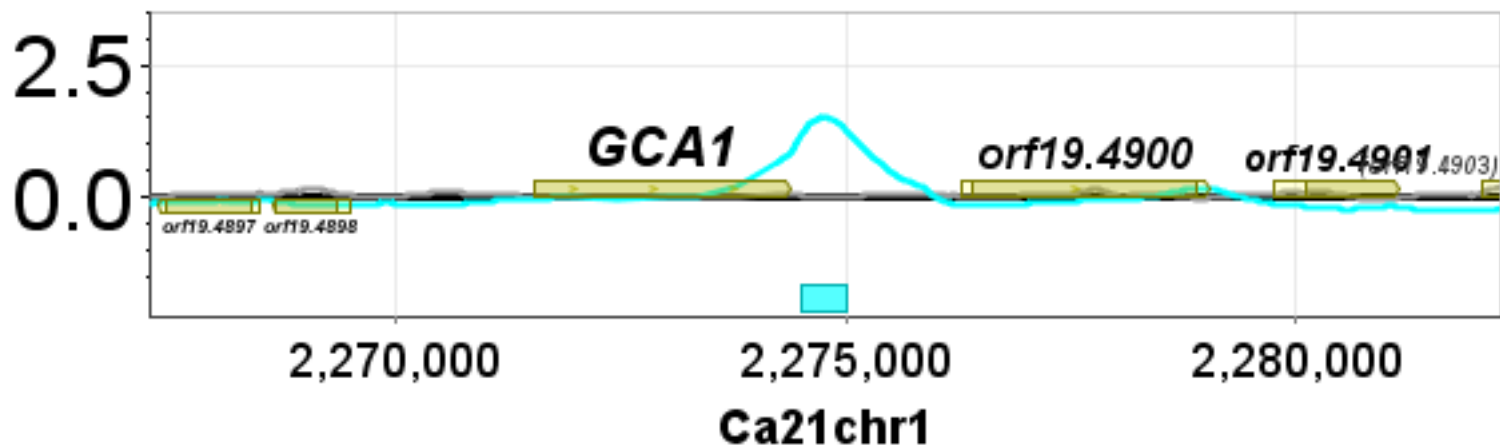
[1.524] Ca21chr3:1751464-1766463 [+] [orf19.6715, ntar_688, orf19.6713, ABD1, orf19.6718]



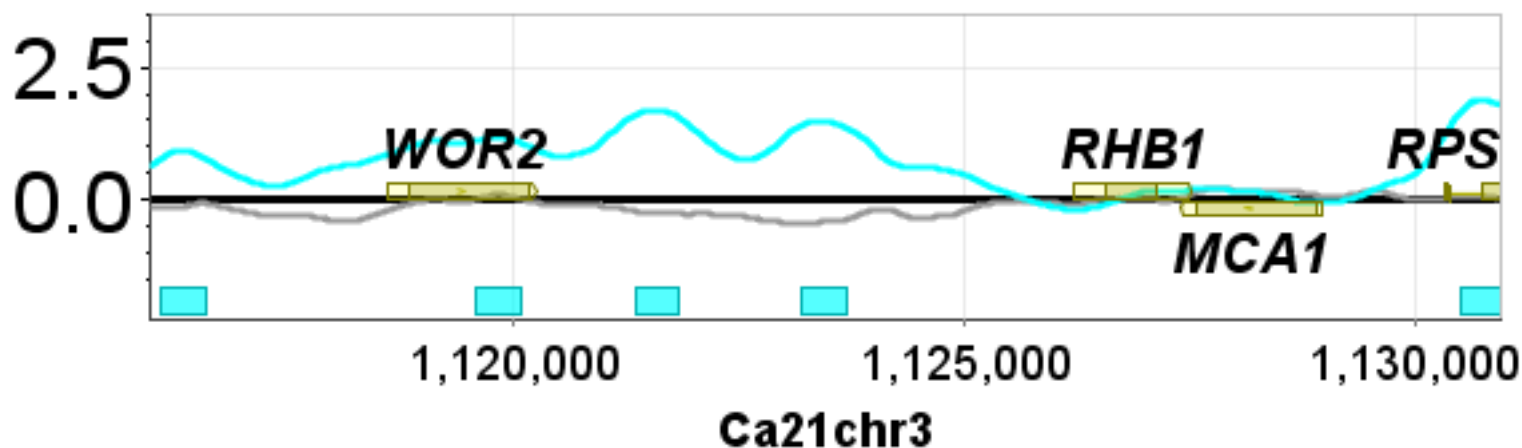
[1.5] Ca21chr3:1586289-1601288 [+] [tv(qua)3, orf19.6804, orf19.6805, ntar_667, HUT1]



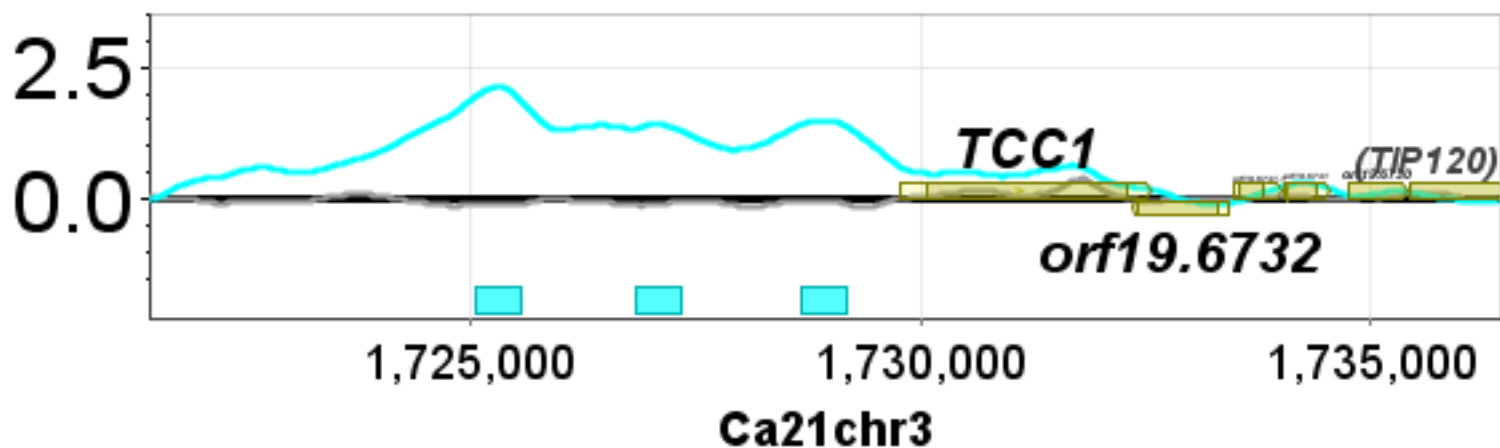
[1.498] Ca21chr1:2267262-2282261 [+] [ntar_209, orf19.4900, GCA1, ntar_210, orf19.4901]



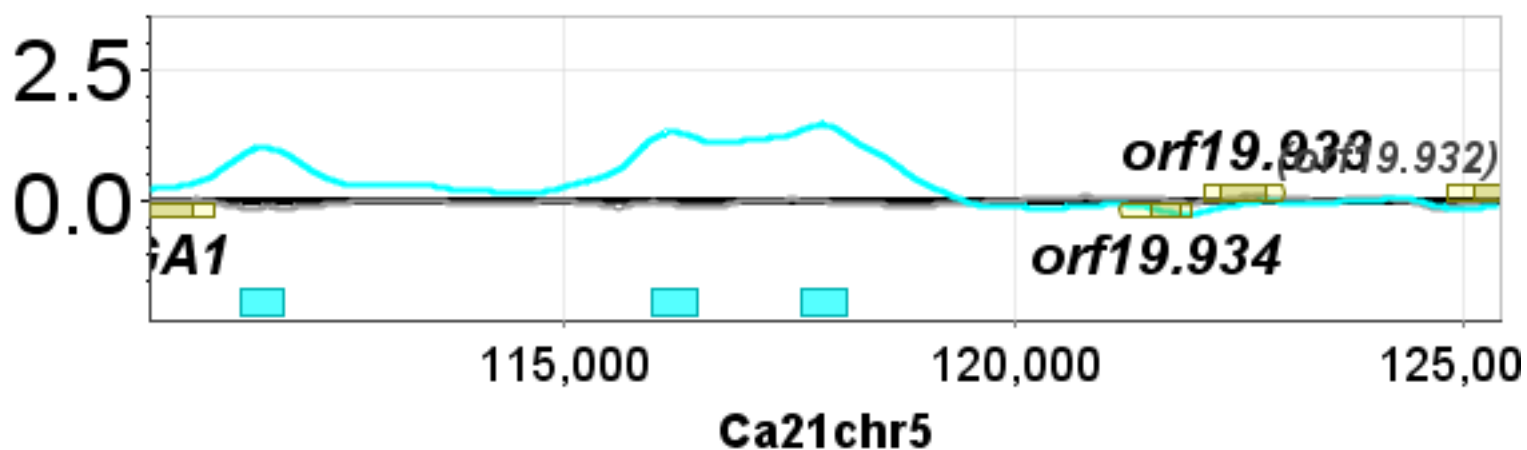
[1.49] Ca21chr3:1115940-1130939 [+] [ntar_617, ntar_616, ntar_615, ntar_614, ntar_618]

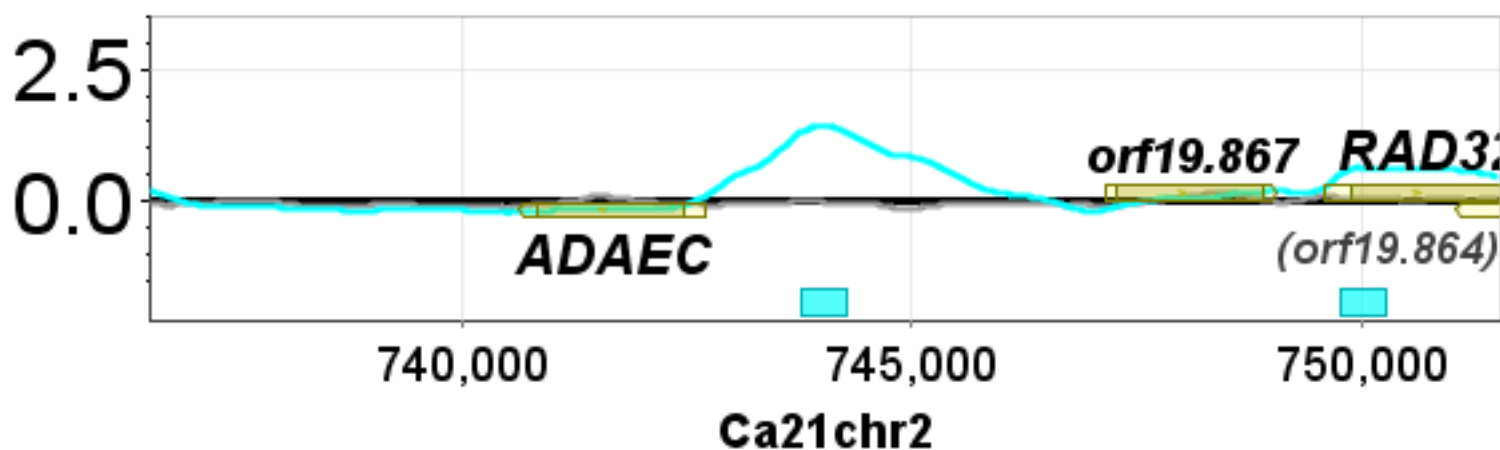
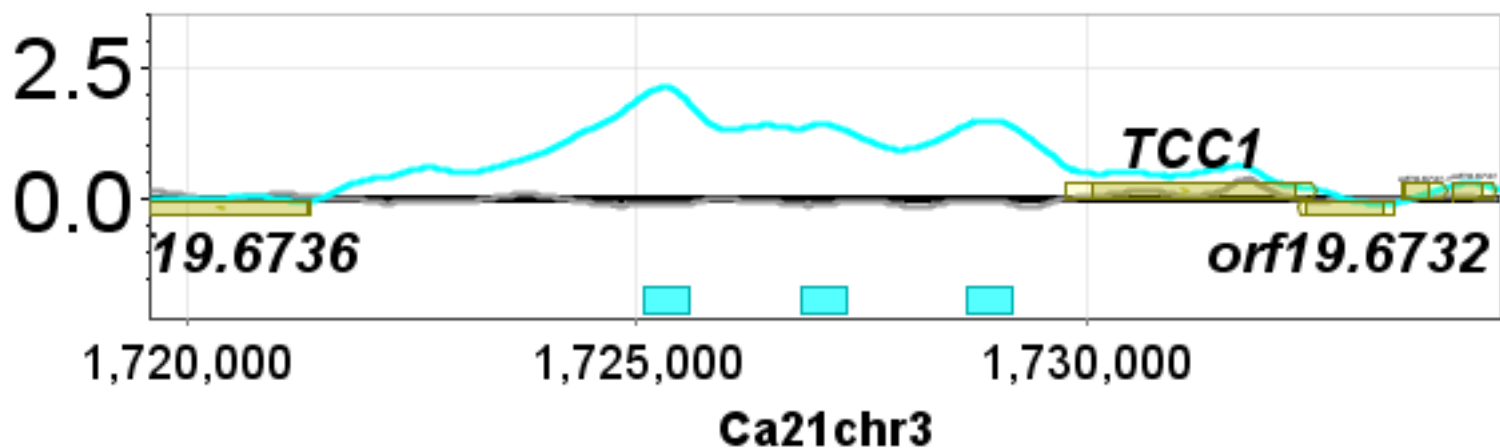
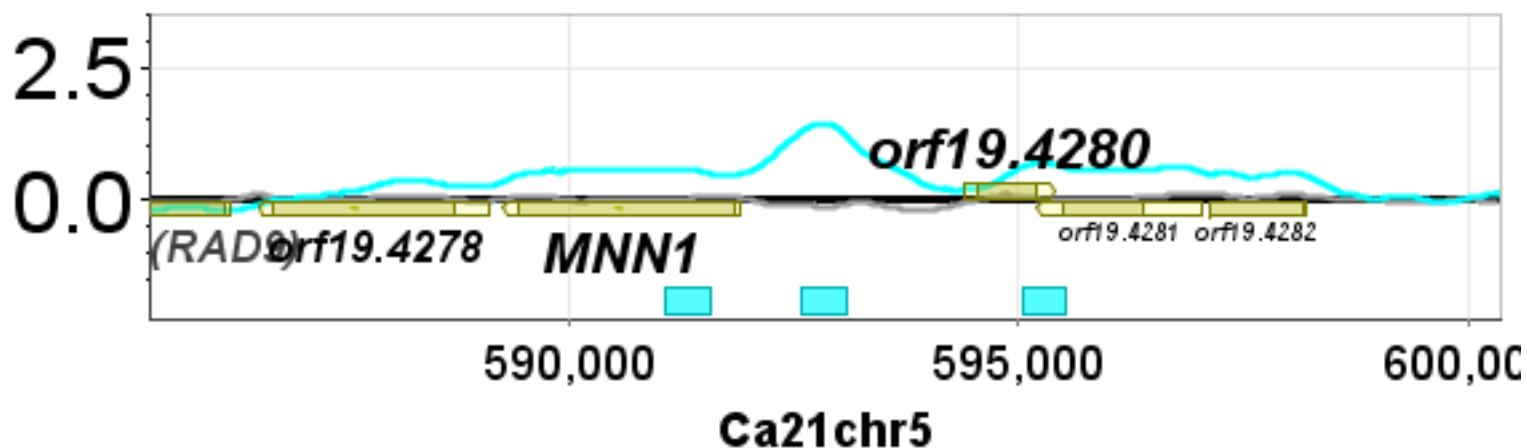
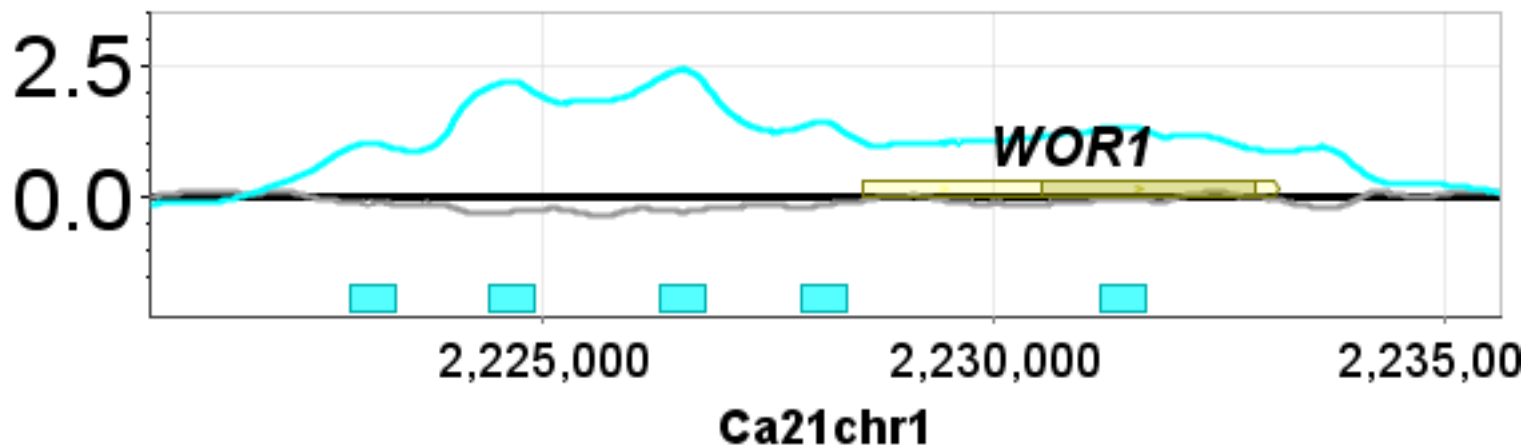


[1.475] Ca21chr3:1721431-1736430 [+] [TCC1, orf19.6732, orf19.6731.1, orf19.6731, ntar_686]

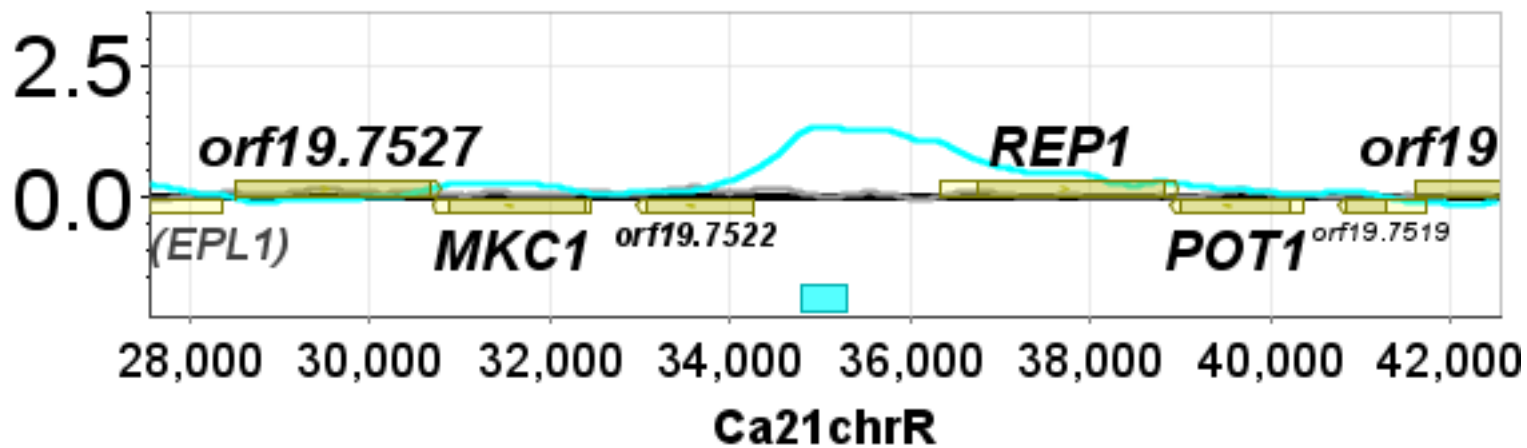


[1.444] Ca21chr5:110393-125392 [+] [orf19.934, orf19.933, ntar_855, AGA1, orf19.932]

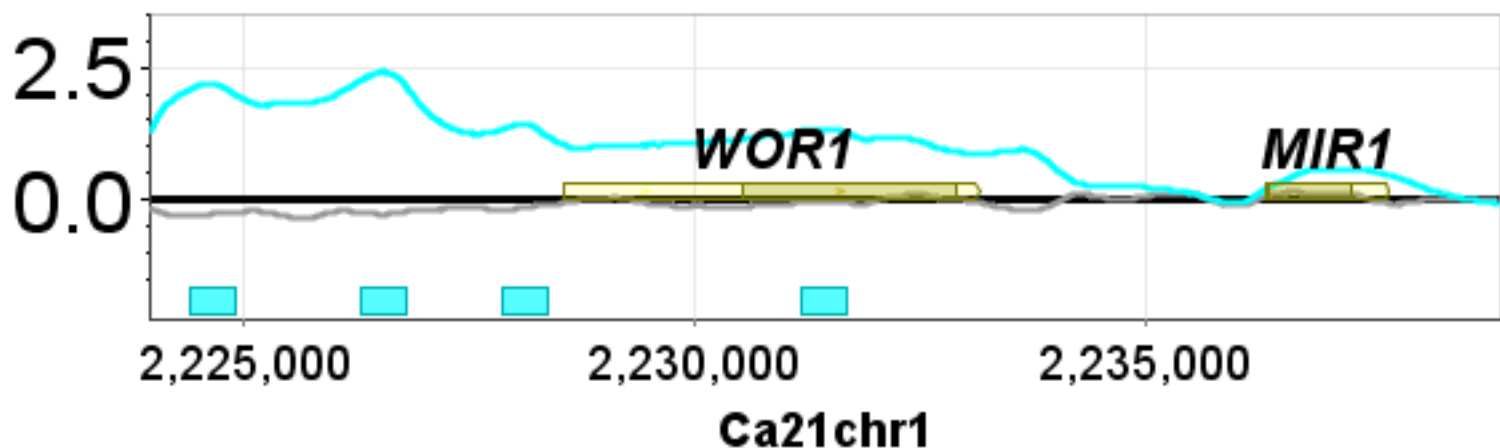




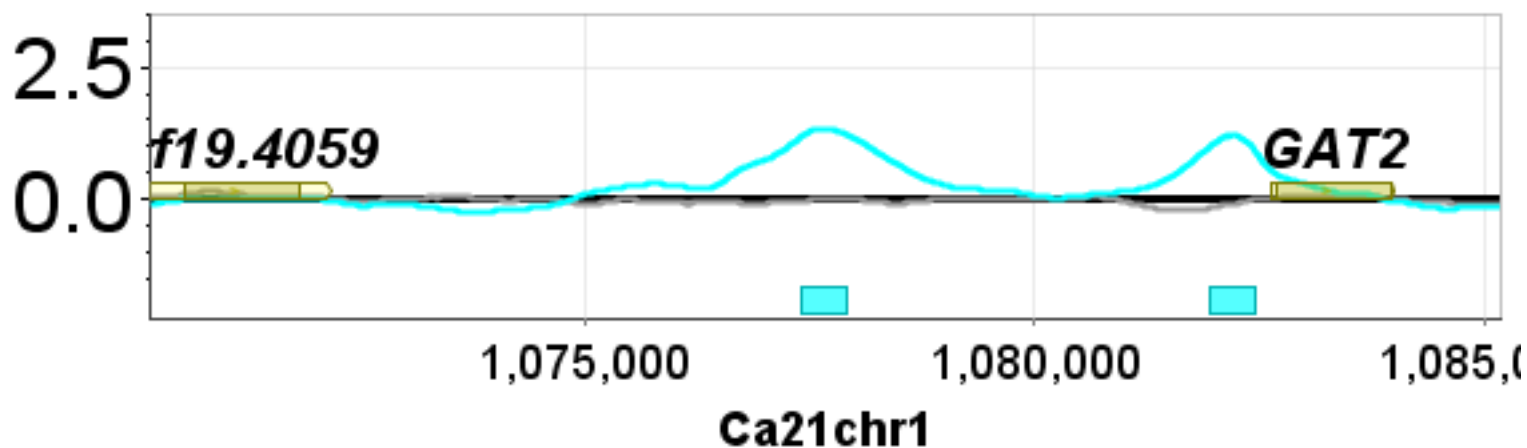
[1.336] Ca21chrR:27547-42546 [+] [orf19.7522, REP1, MKC1, POT1, orf19.7527]



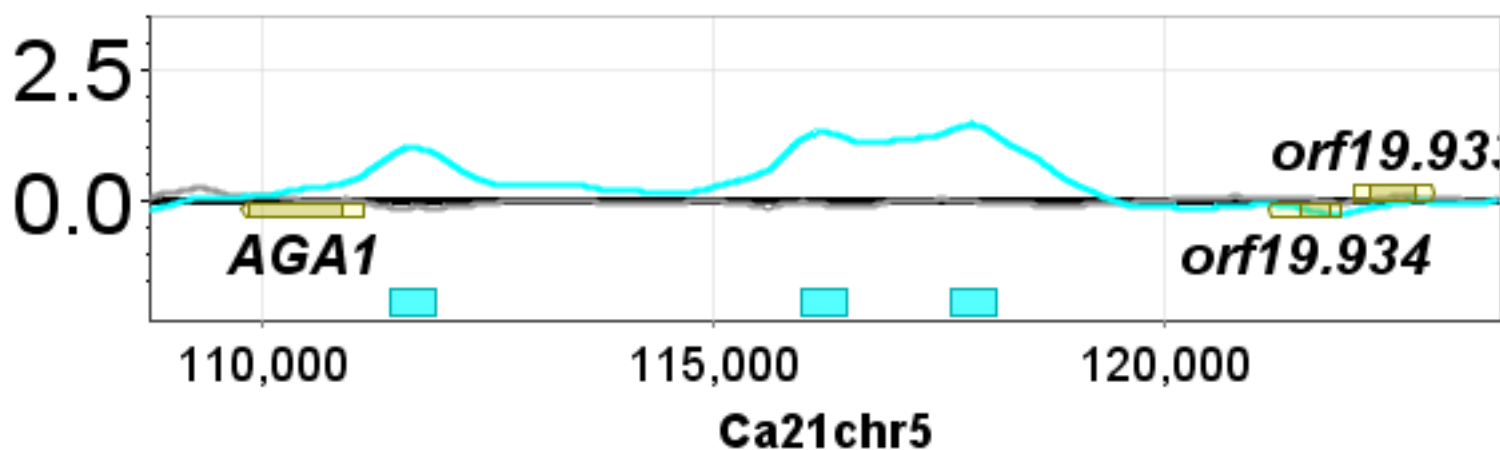
[1.333] Ca21chr1:2223941-2238940 [+] [WOR1, MIR1]



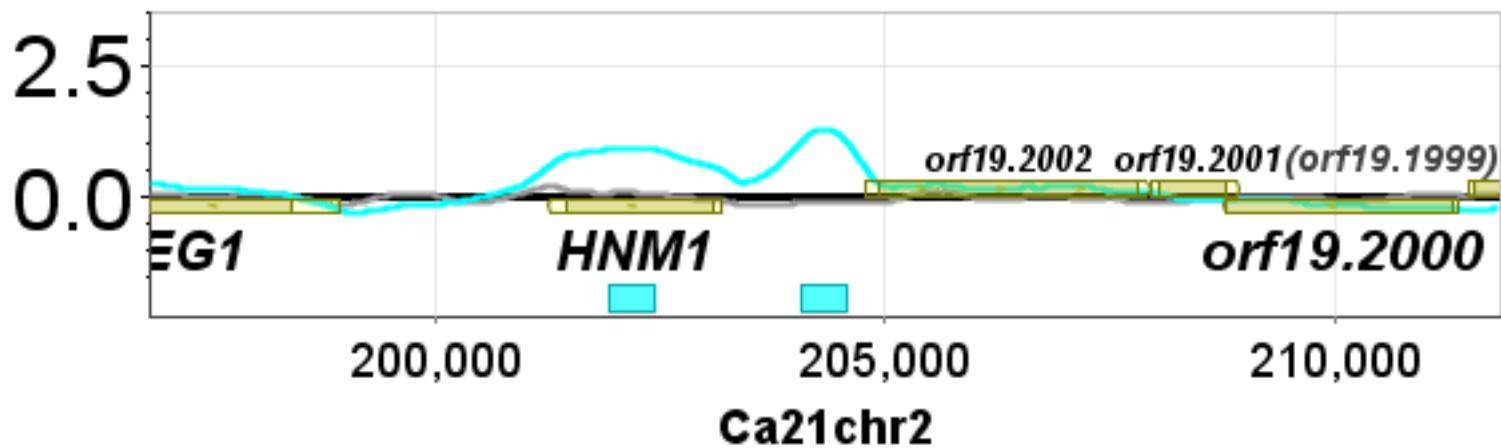
[1.329] Ca21chr1:1070165-1085164 [+] [GAT2, orf19.4057, orf19.4059, orf19.450]



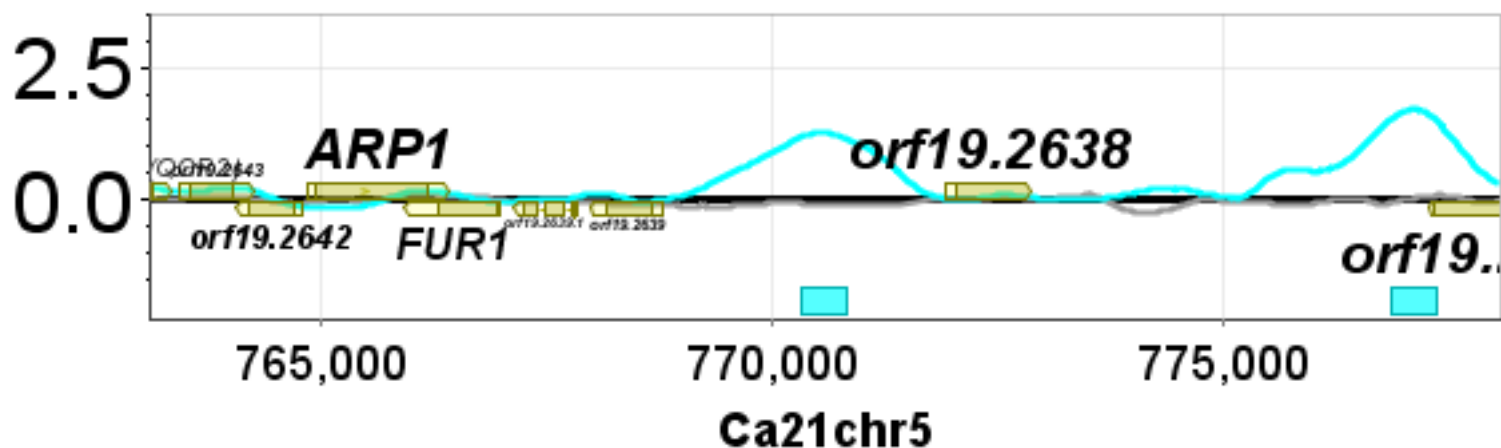
[1.311] Ca21chr5:108732-123731 [+] [AGA1, orf19.934, orf19.933]



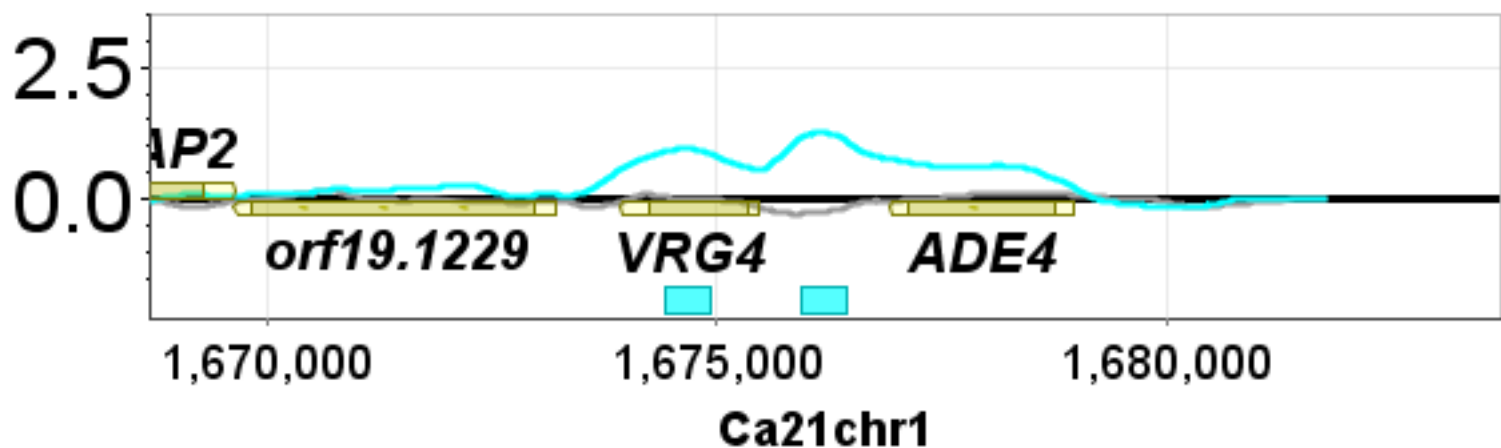
[1.276] Ca21chr2:196826-211825 [+] [ntar_303, orf19.2002, HNM1, orf19.2001, ntar_302]



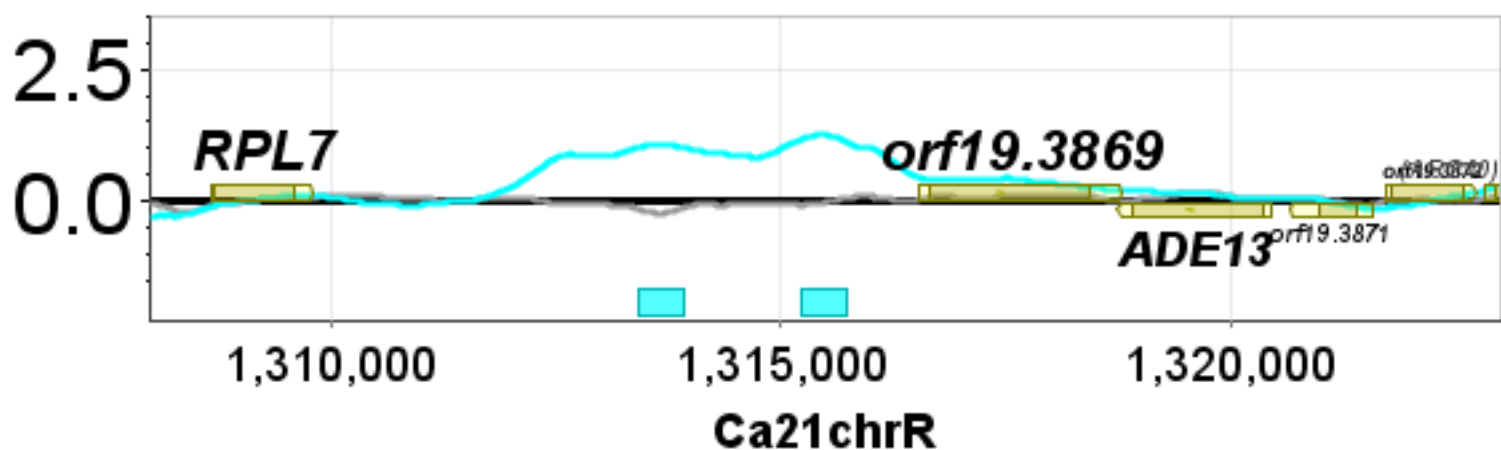
[1.265] Ca21chr5:763078-778077 [+] [ite(uuc)5, orf19.2638, orf19.2639, orf19.2639.1, FUR1]

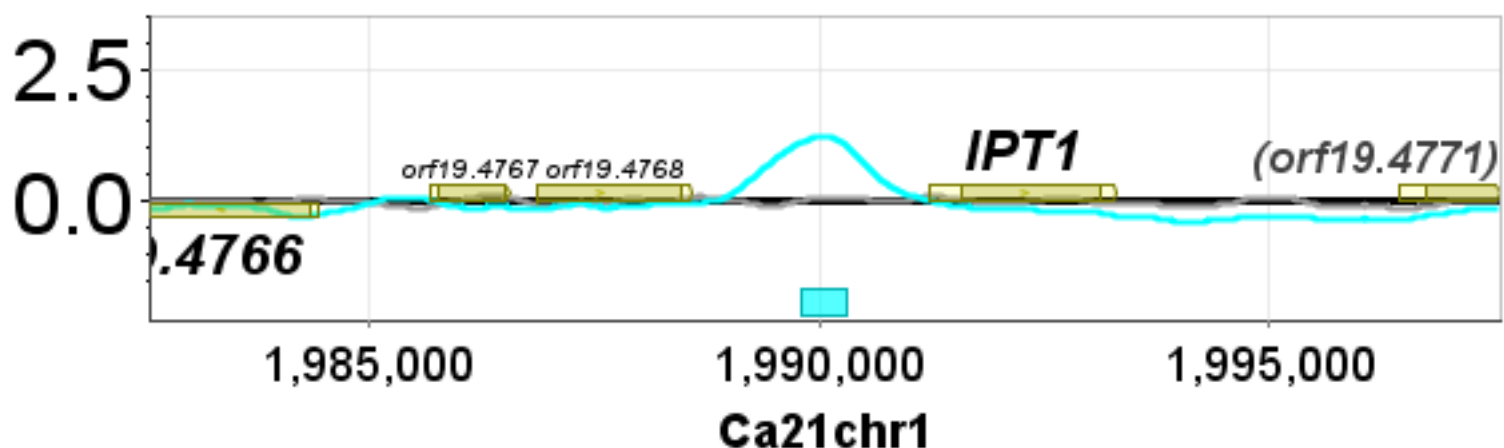
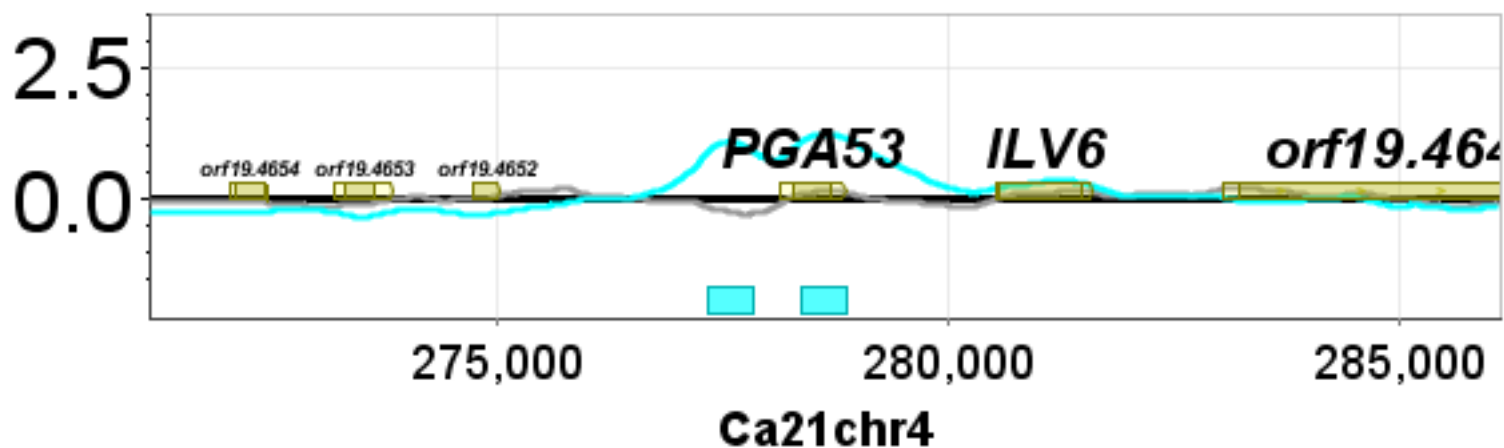
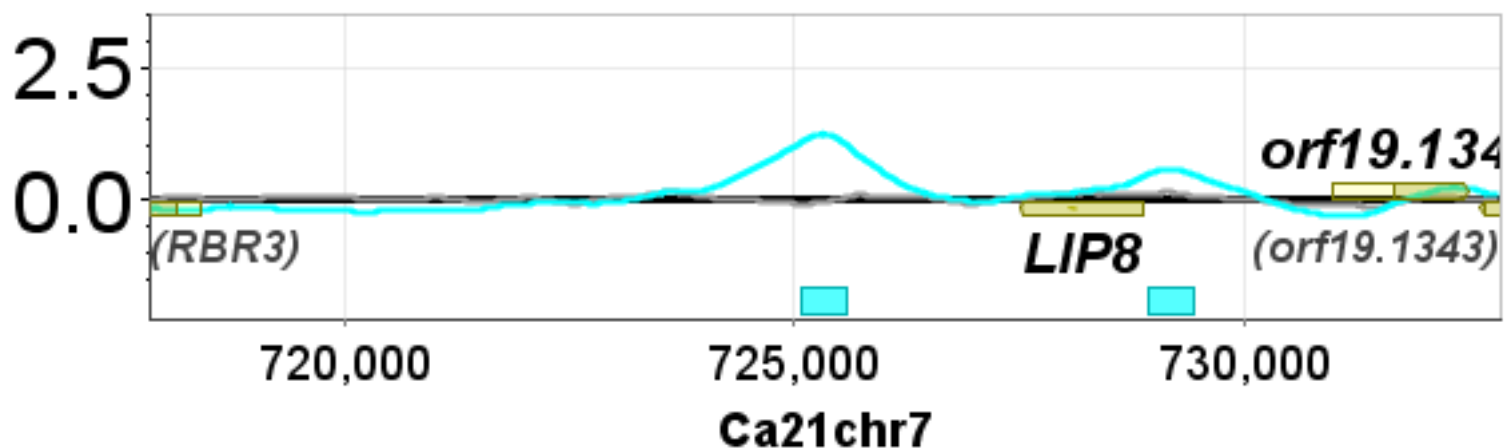
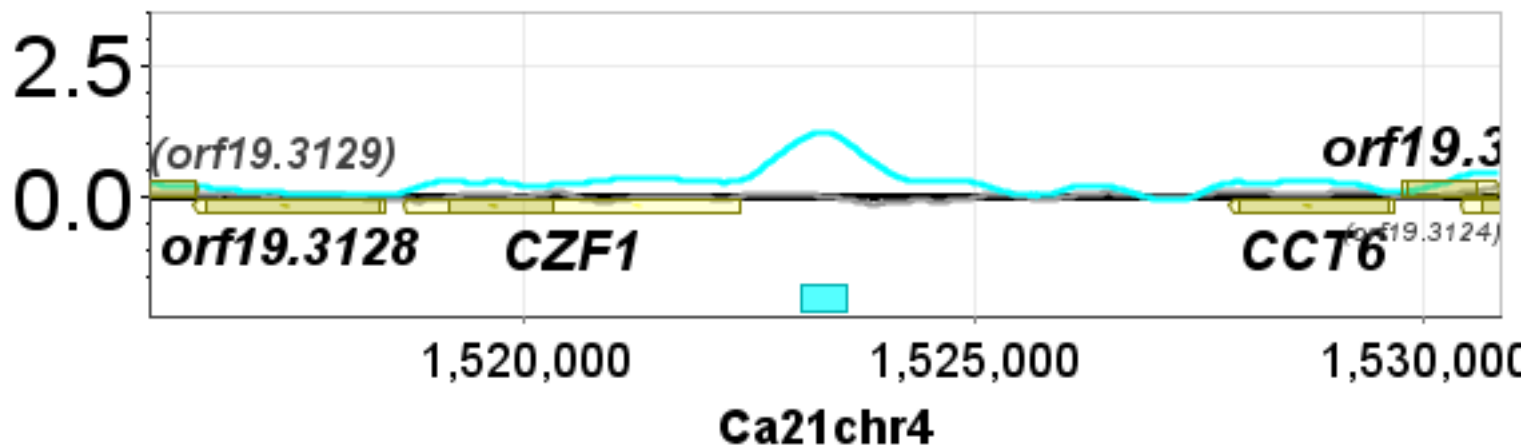


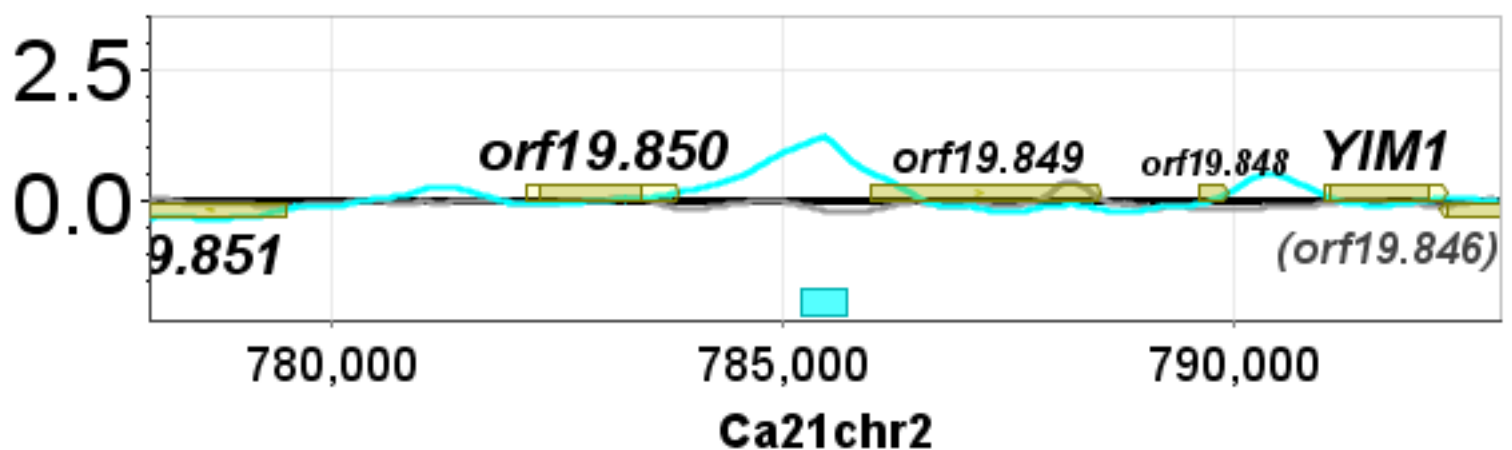
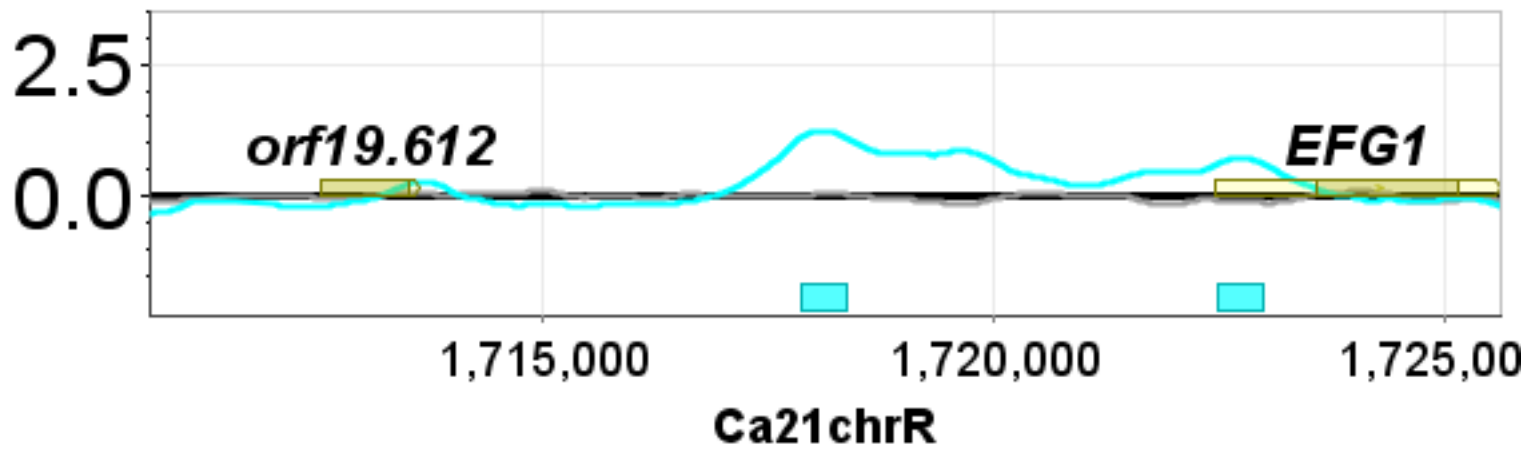
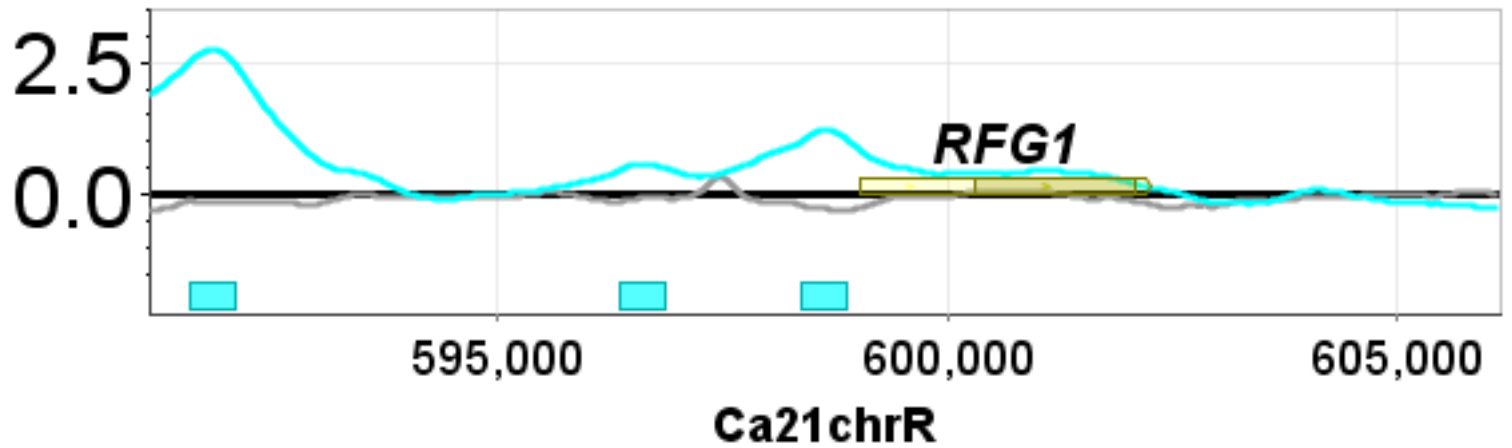
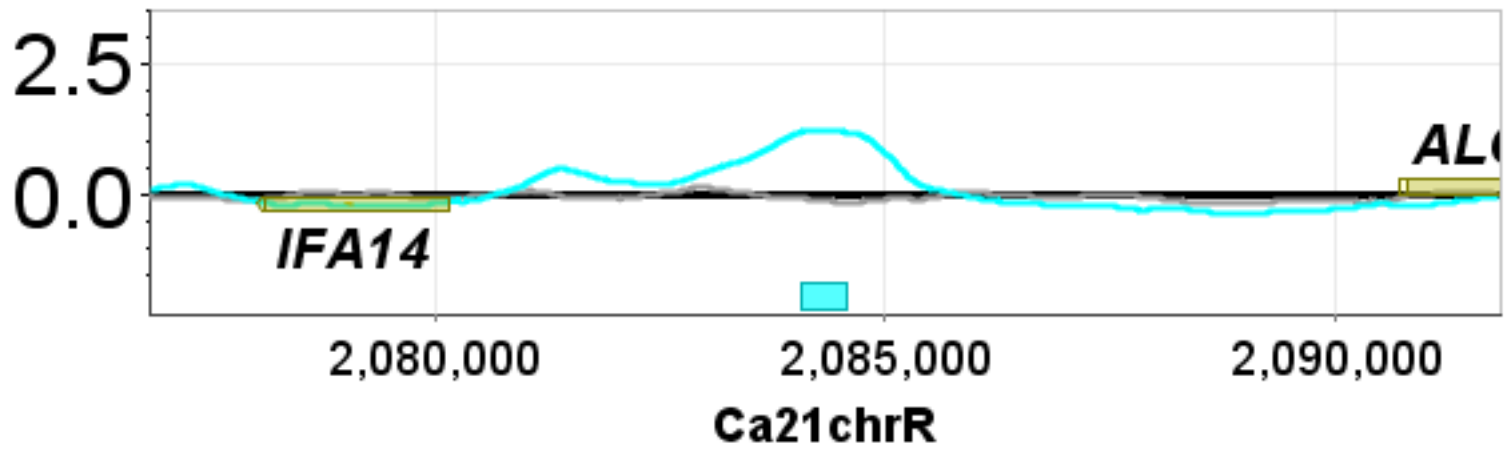
[1.254] Ca21chr1:1668692-1683691 [+] [VRG4, ADE4, ntar_155, orf19.1229, ntar_156]



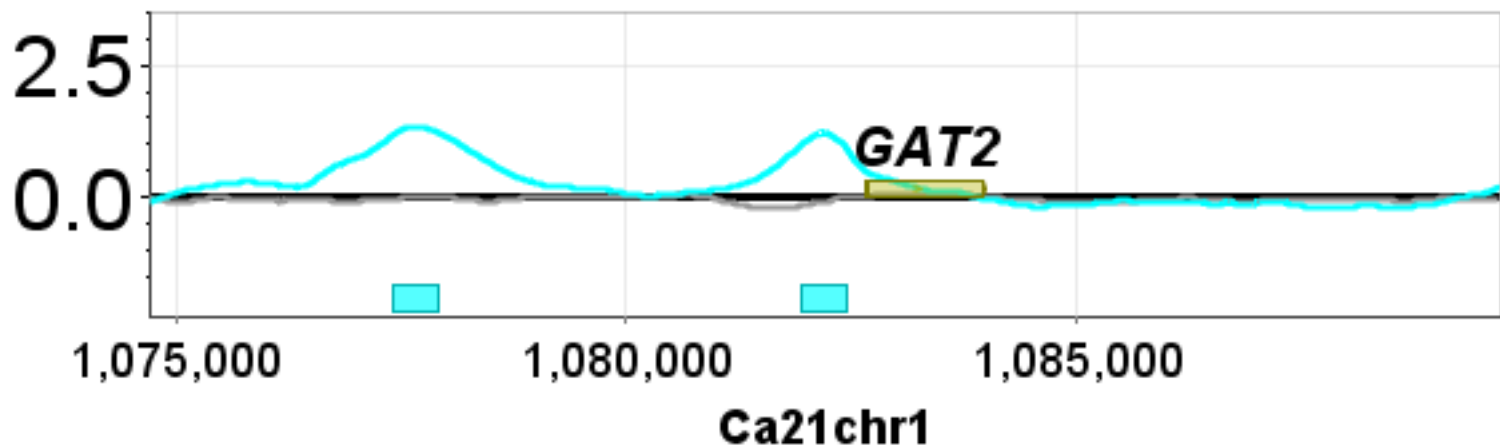
[1.253] Ca21chrR:1307981-1322980 [+] [orf19.3868, orf19.3869, ntar_1302, ntar_1301, ADE13]



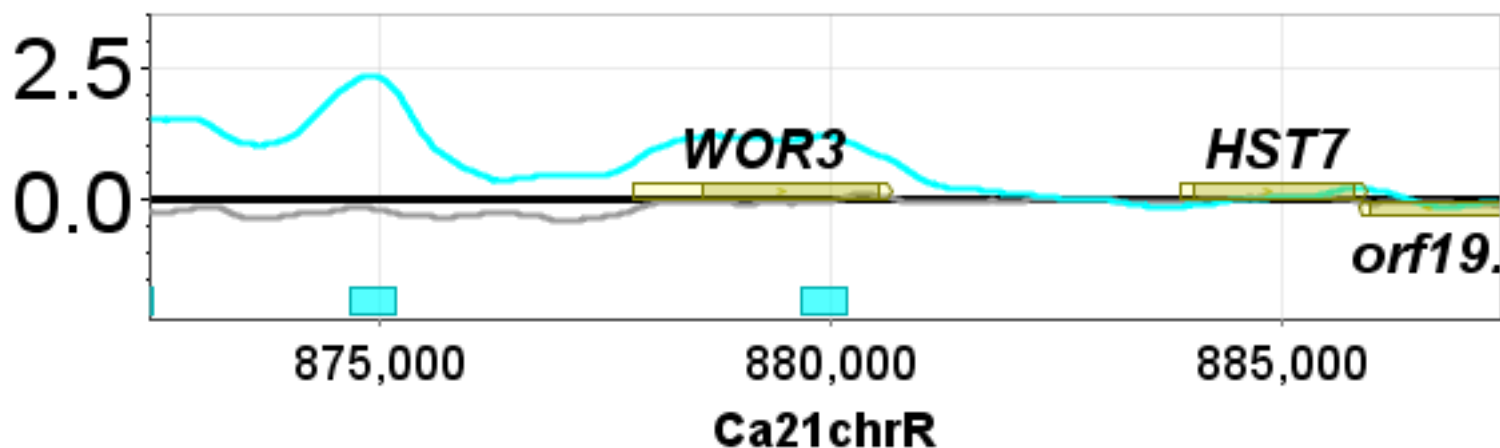




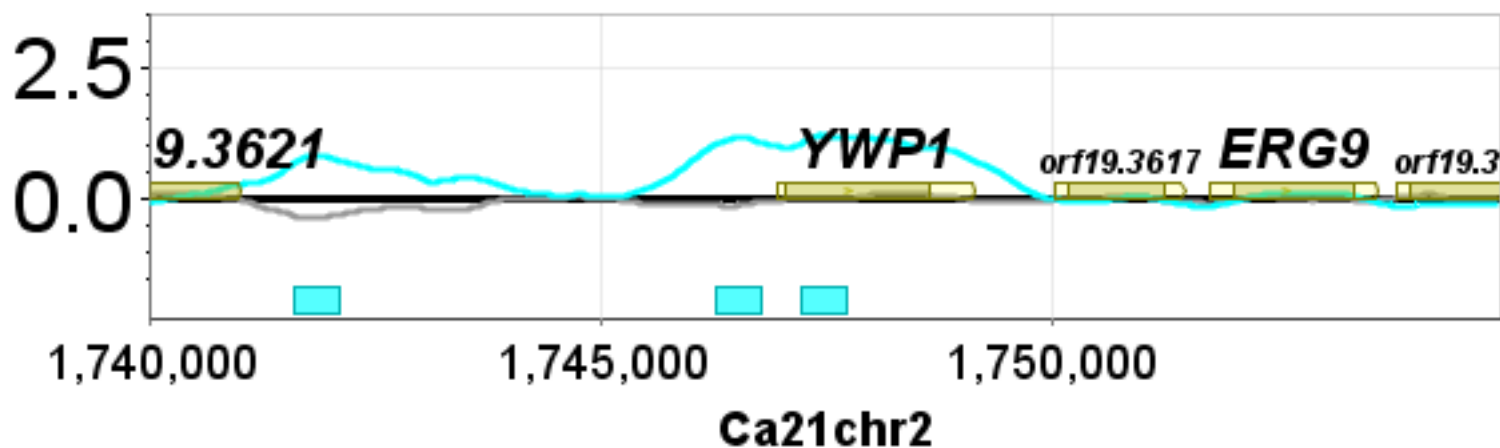
[1.196] Ca21chr1:1074697-1089696 [+] [GAT2, orf19.450, ntar_104]



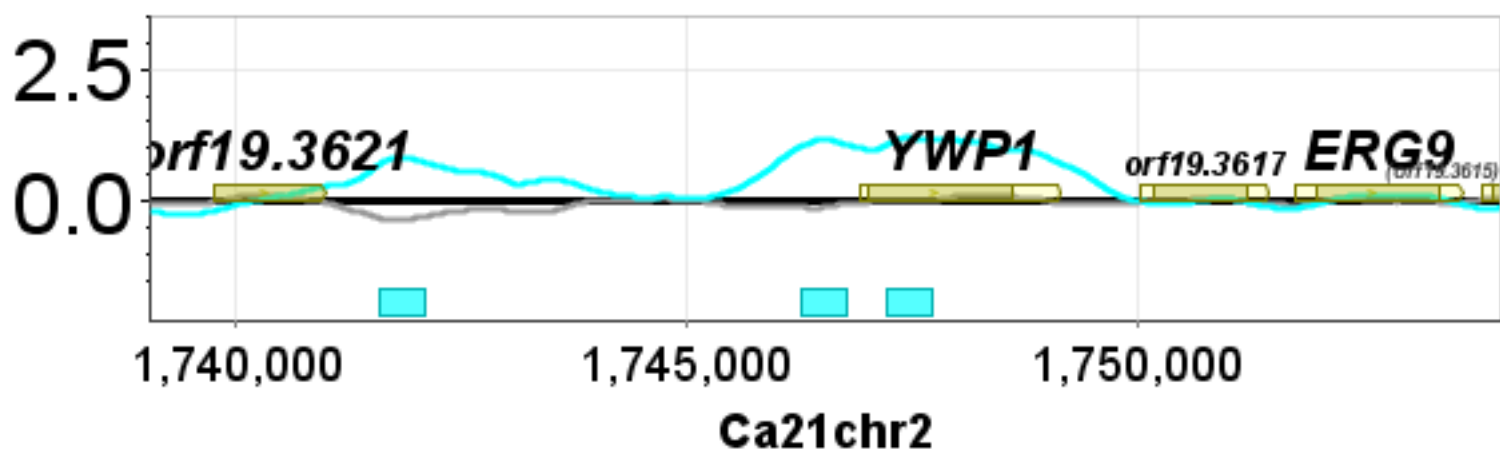
[1.193] Ca21chrR:872423-887422 [+] [orf19.467, ntar_1253, ntar_1254, ntar_1255, HST7]



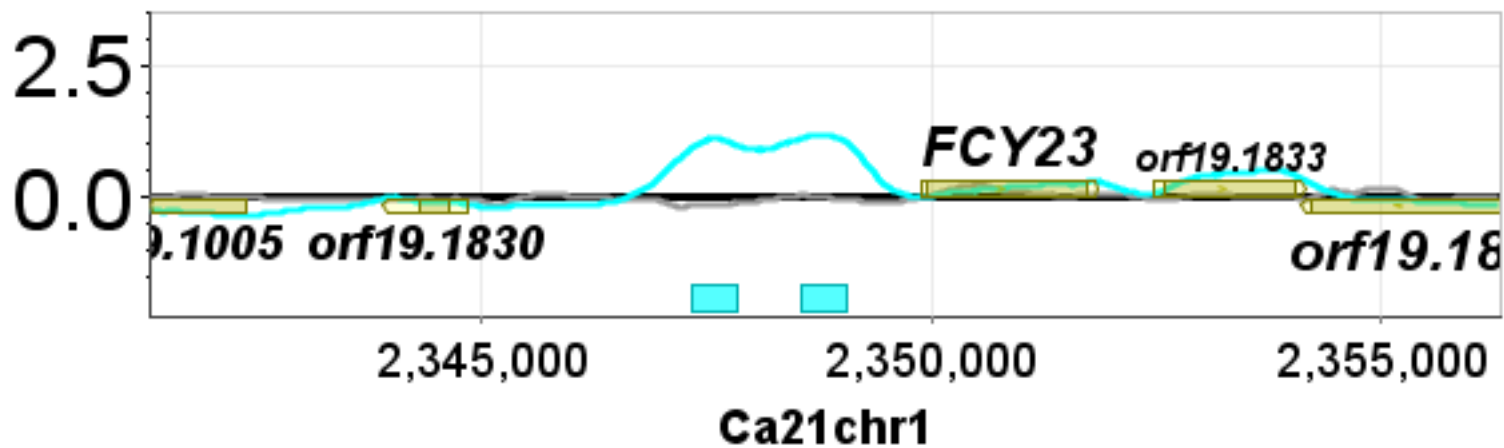
[1.185] Ca21chr2:1739974-1754973 [+] [YWP1, ntar_452, ntar_453, ntar_451, orf19.3617]



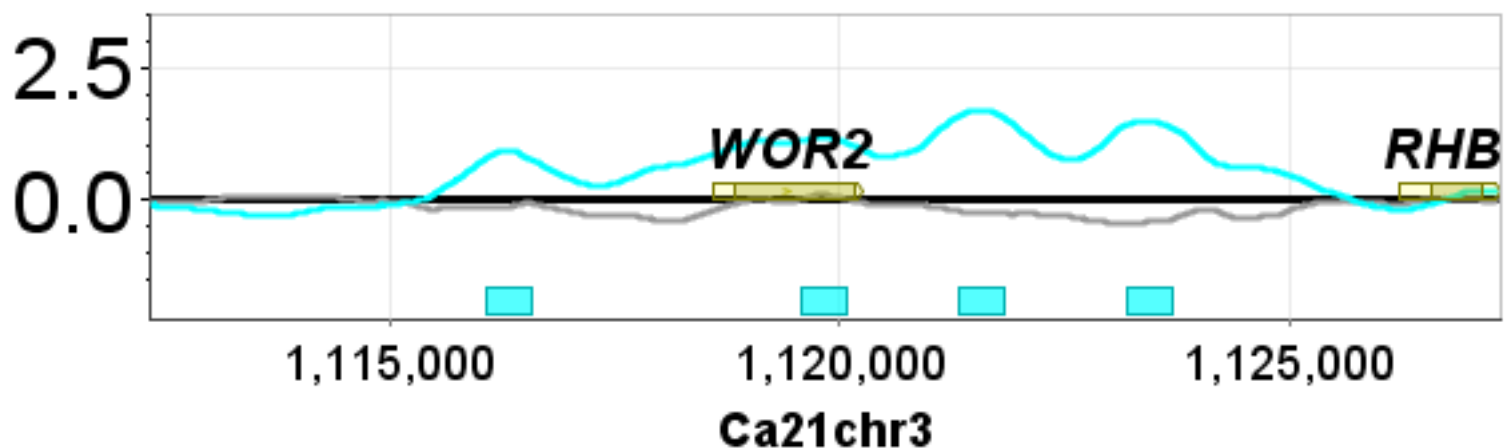
[1.182] Ca21chr2:1739032-1754031 [+] [YWP1, ntar_452, ntar_451, ntar_449, ntar_450]



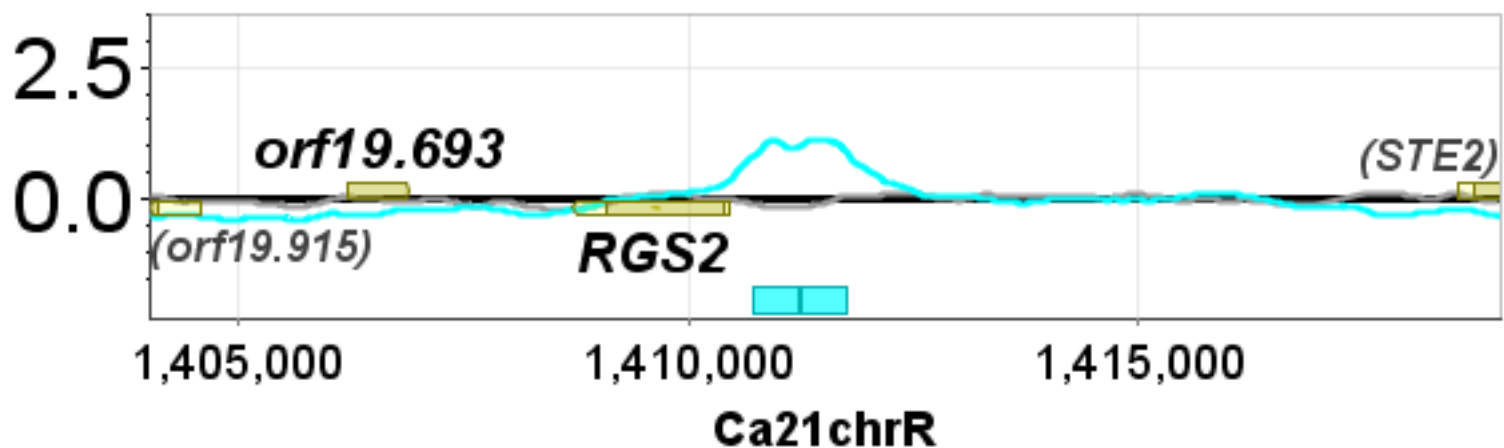
[1.18] Ca21chr1:2341308-2356307 [+] [orf19.1831, ntar_222, FCY23, ntar_221, ntar_223]



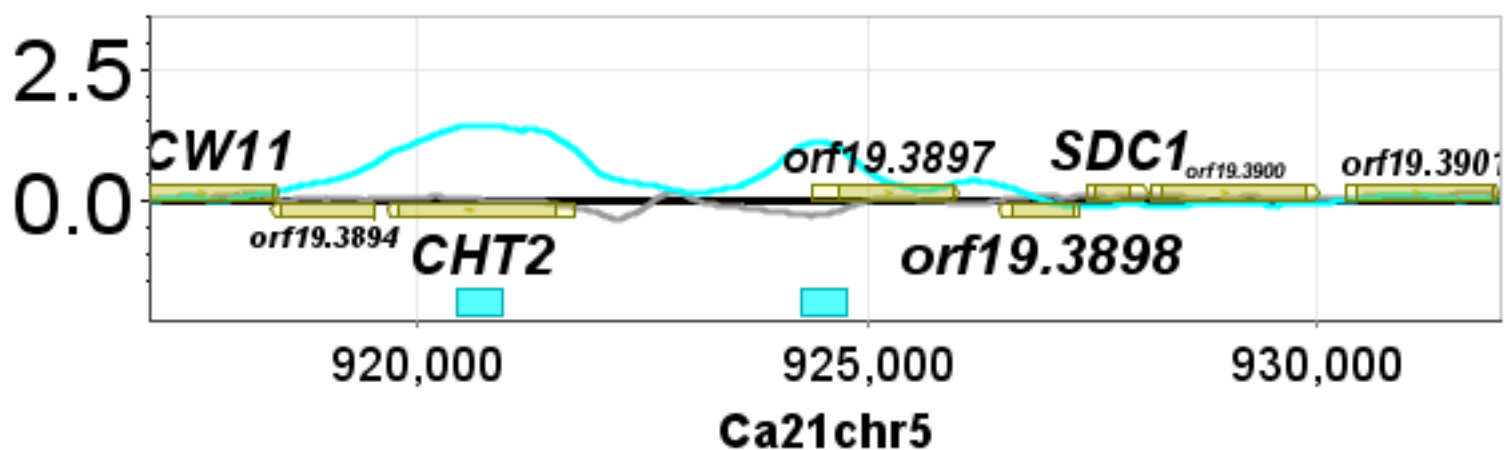
[1.161] Ca21chr3:1112330-1127329 [+] [WOR2, ntar_614, ntar_615, ntar_616, ntar_617]



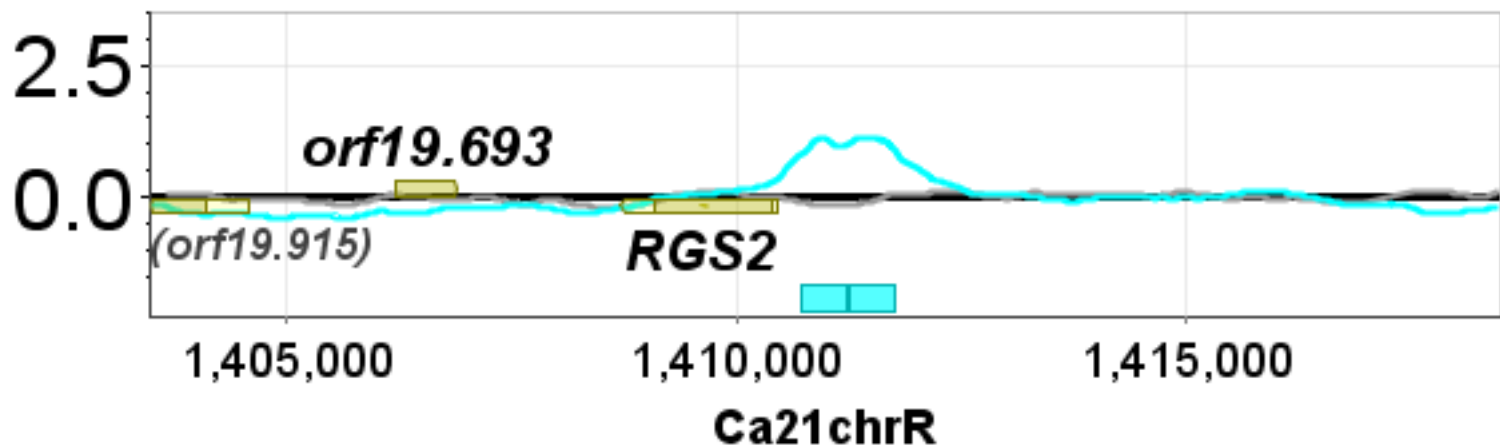
[1.124] Ca21chrR:1404008-1419007 [+] [ntar_1310, RGS2, ntar_1311, ntar_1312, ntar_1314]



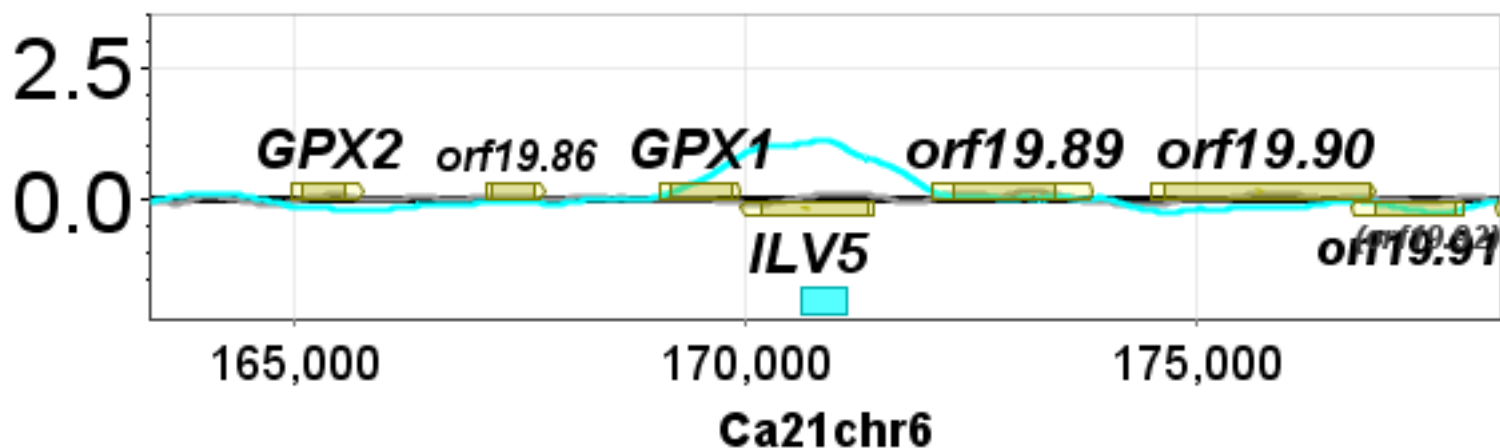
[1.115] Ca21chr5:917022-932021 [+] [orf19.3897, ntar_941, CHT2, orf19.3898, SDC1]



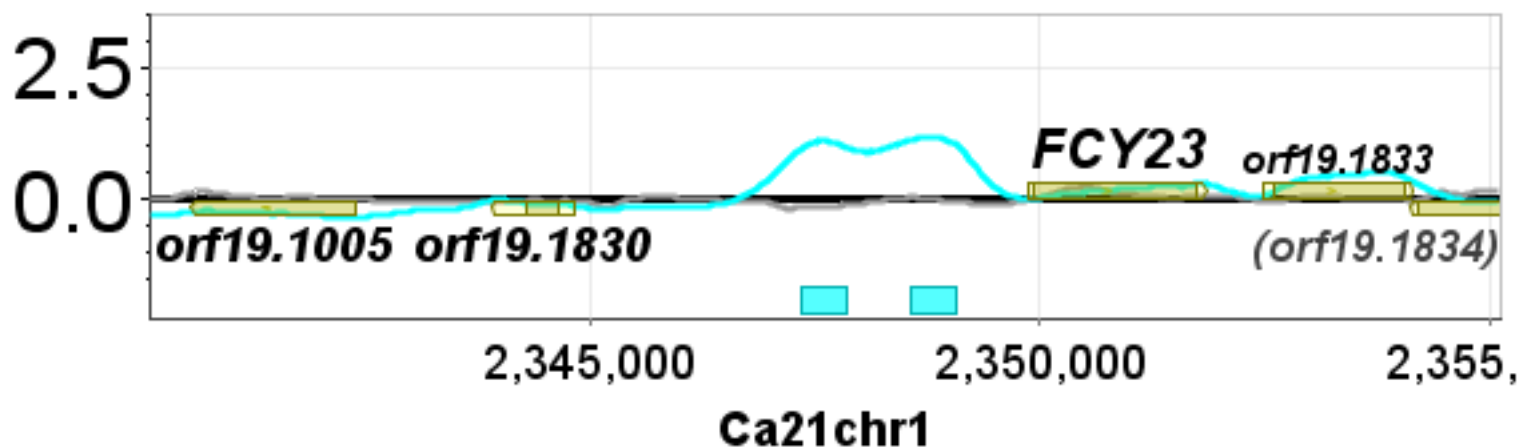
[1.109] Ca21chrR:1403473-1418472 [+] [RGS2, ntar_1310, ntar_1311, ntar_1312, orf19.693]



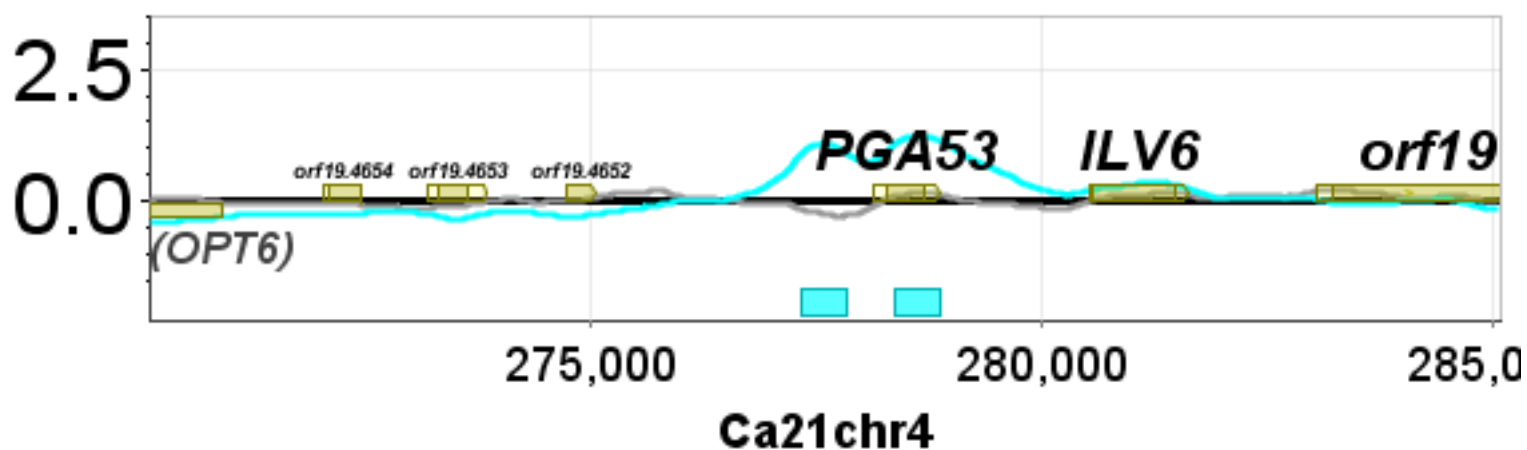
[1.102] Ca21chr6:163378-178377 [+] [ILV5, orf19.89, ntar_976, ntar_975, GPX1]



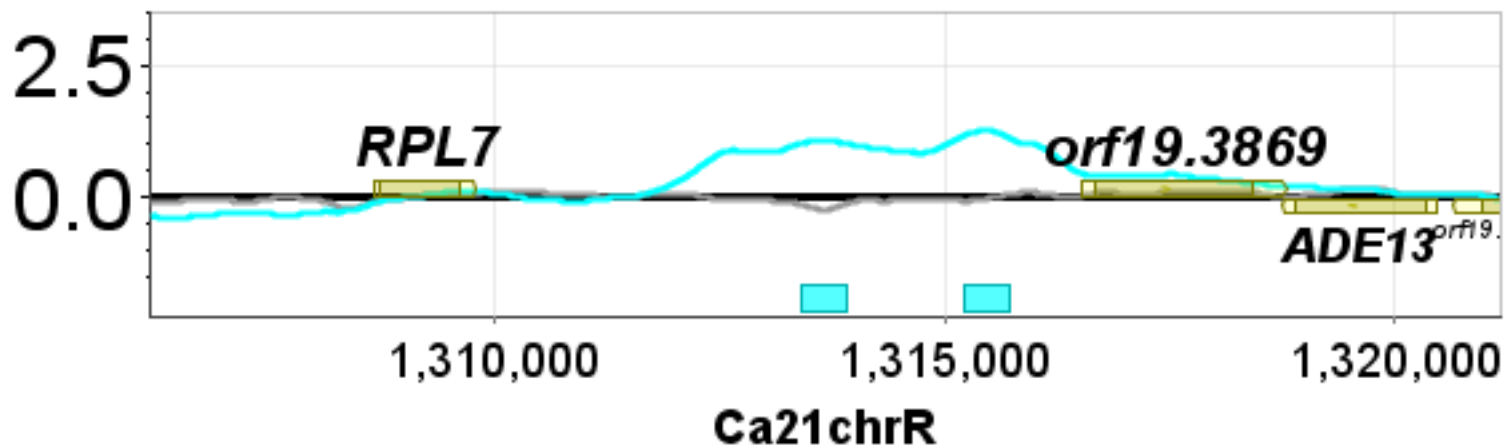
[1.099] Ca21chr1:2340104-2355103 [+] [ntar_222, ntar_221, orf19.1831, FCY23, ntar_220]



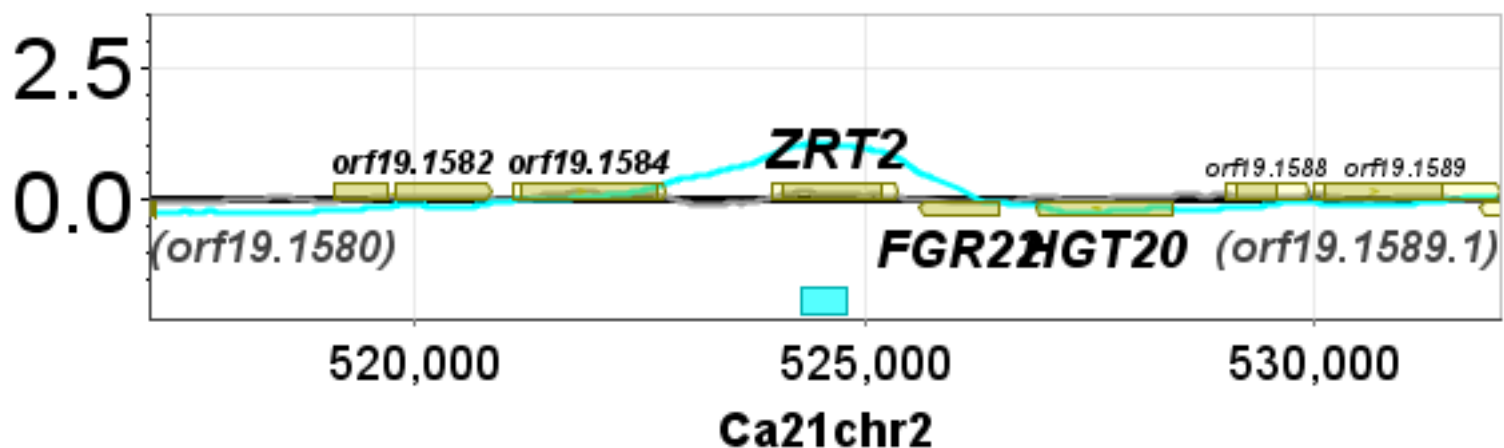
[1.087] Ca21chr4:270084-285083 [+] [ntar_734, PGA53, ntar_733, ntar_735, orf19.4652]



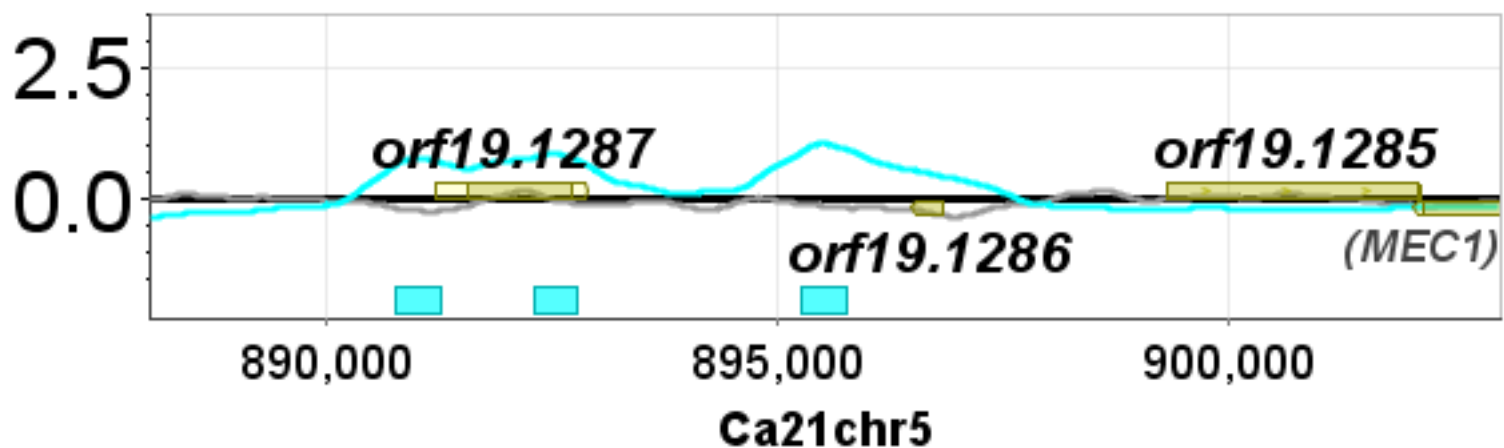
[1.077] Ca21chrR:1306162-1321161 [+] [ntar_1302, orf19.3868, orf19.3869, ntar_1301, ntar_1300]



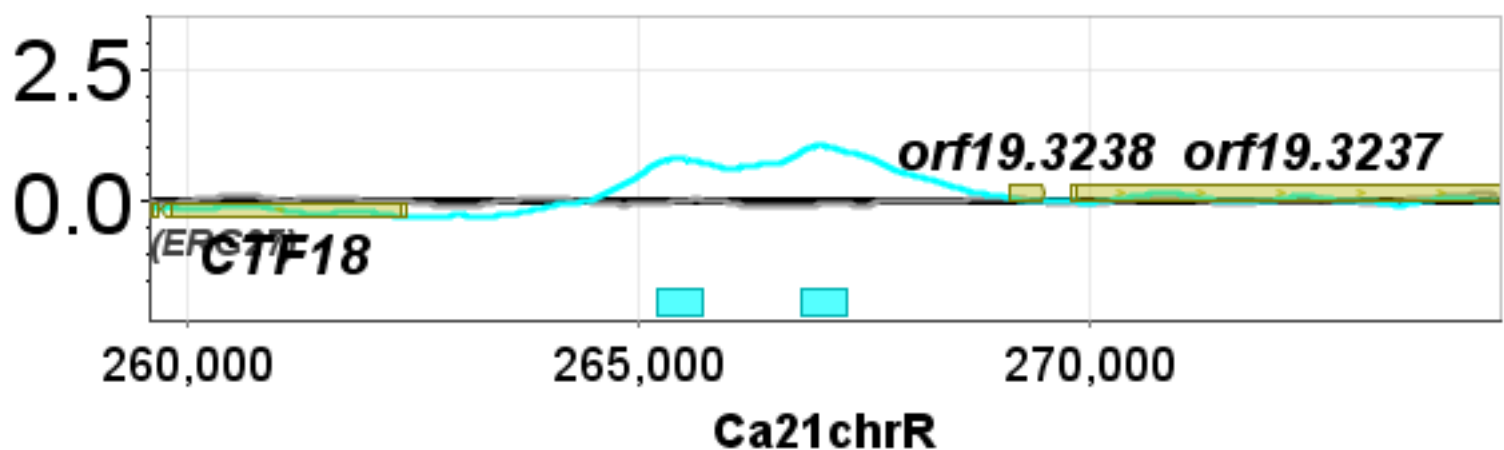
[1.061] Ca21chr2:517048-532047 [+] [ZRT2, ntar_335, FGR22, ntar_334, orf19.1584]



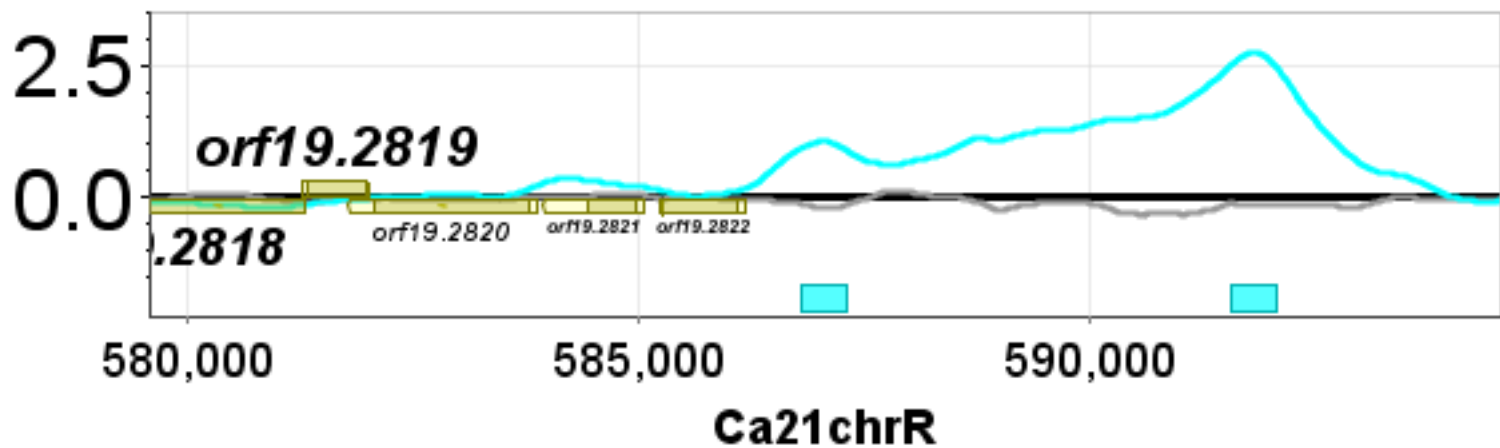
[1.052] Ca21chr5:888015-903014 [+] [orf19.1286, ntar_940, orf19.1285, orf19.1287, ntar_939]



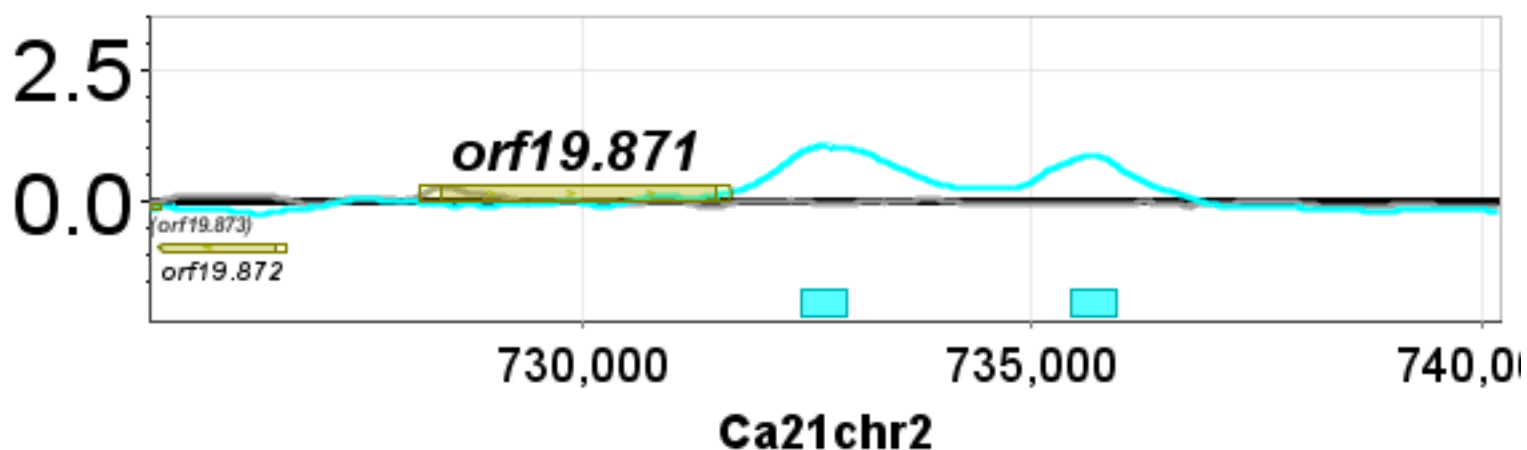
[1.052] Ca21chrR:259556-274555 [+] [ntar_1179.1, ntar_1179.2, ntar_1178, ntar_1180, ntar_1179.3]



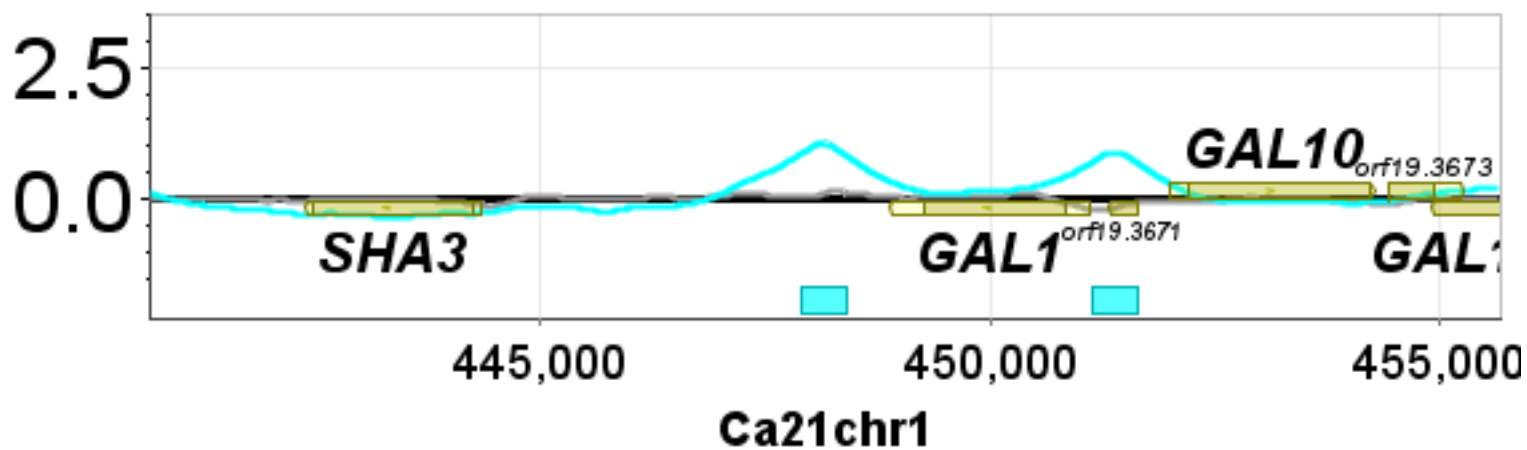
[1.051] Ca21chrR:579565-594564 [+] [orf19.2822, orf19.2821, orf19.2820, orf19.2818, orf19.2819]



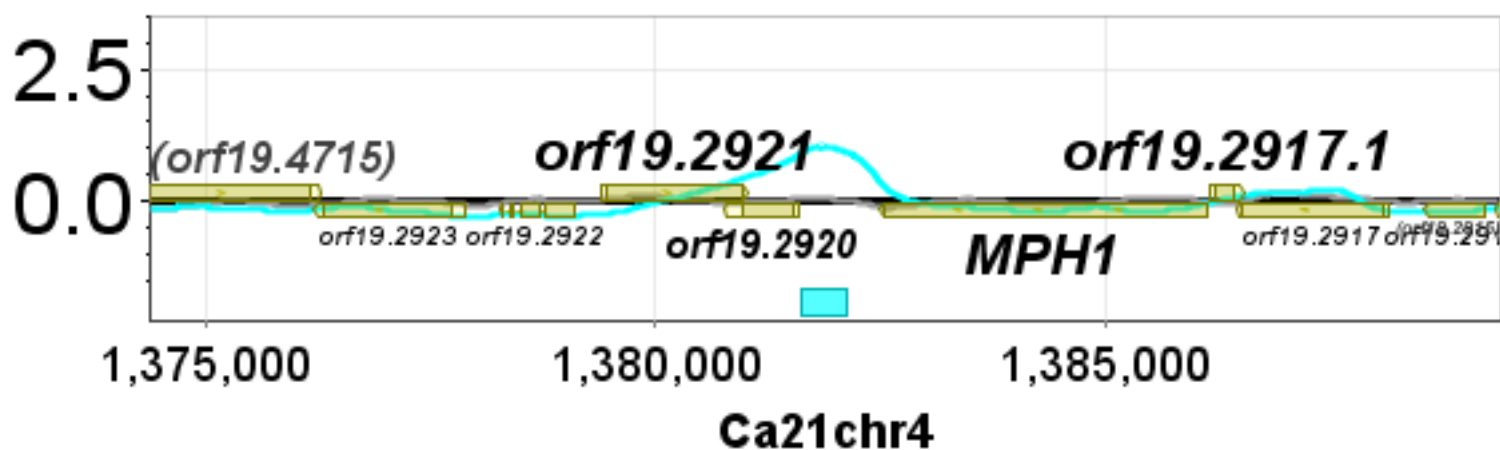
[1.05] Ca21chr2:725198-740197 [+] [Intar_353, orf19.871, orf19.872, orf19.873]



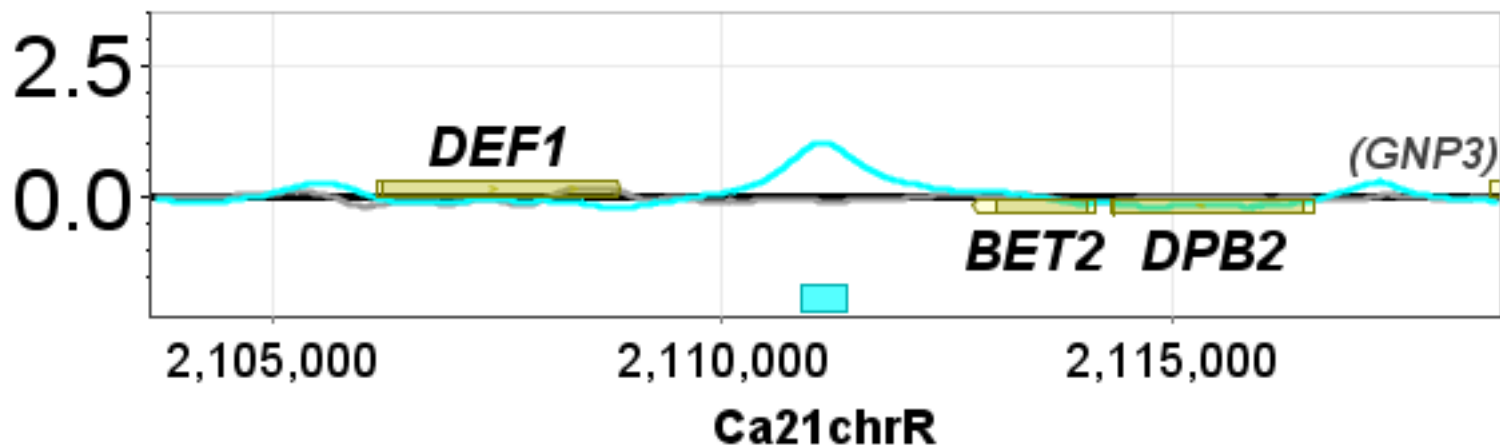
[1.047] Ca21chr1:440653-455652 [+] [ntar_43, ntar_42, GAL1, orf19.3671, SHA3]



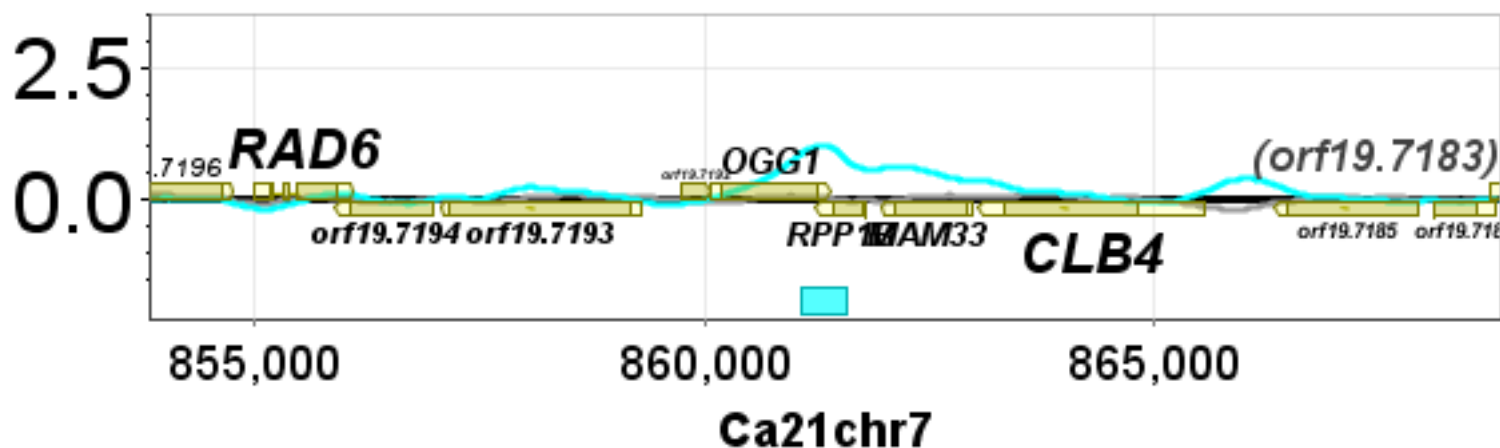
[1.04] Ca21chr4:1374377-1389376 [+] [orf19.2920, snrnau4, orf19.2921, orf19.2922, orf19.2923]



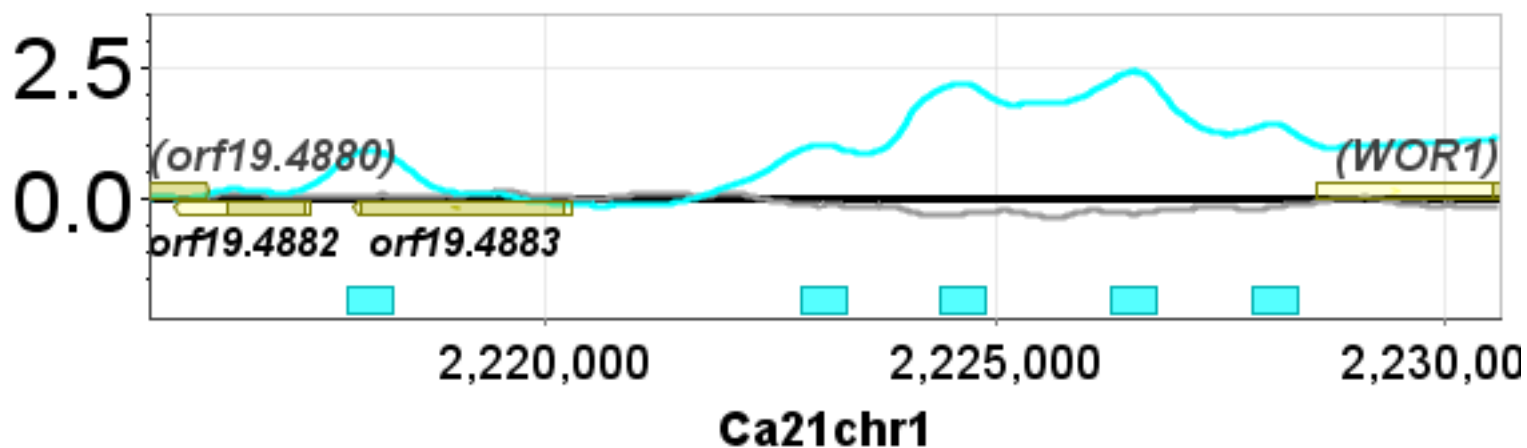
[1.031] Ca21chrR:2103635-2118634 [+] [BET2, DEF1, DPB2, GNP3]



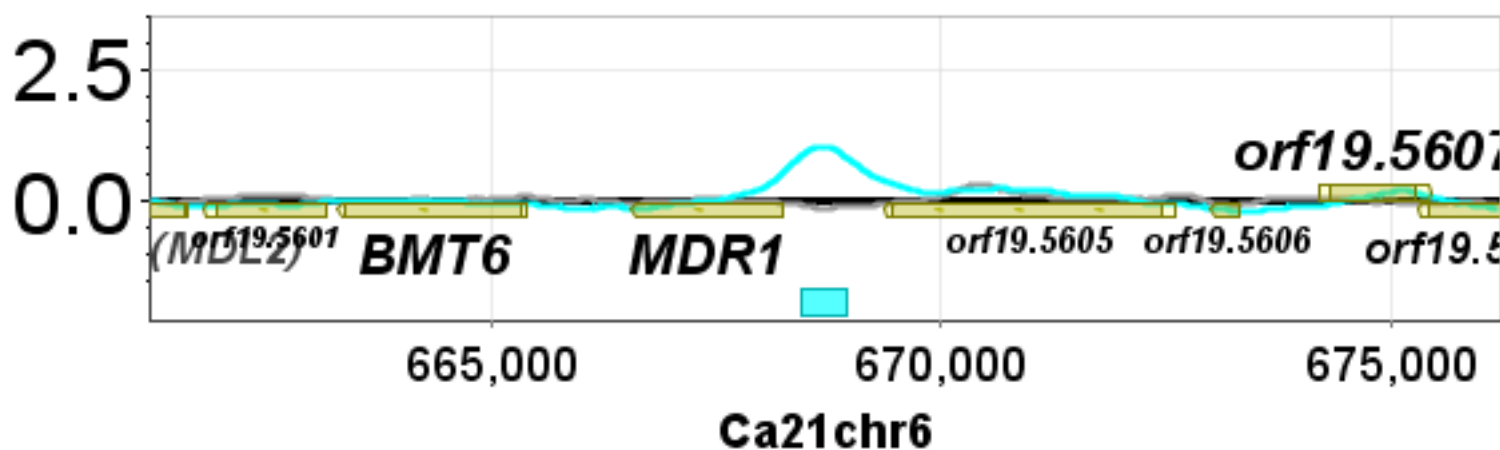
[1.023] Ca21chr7:853829-868828 [+] [RPP1B, OGG1, orf19.7192, MAM33, orf19.7193]



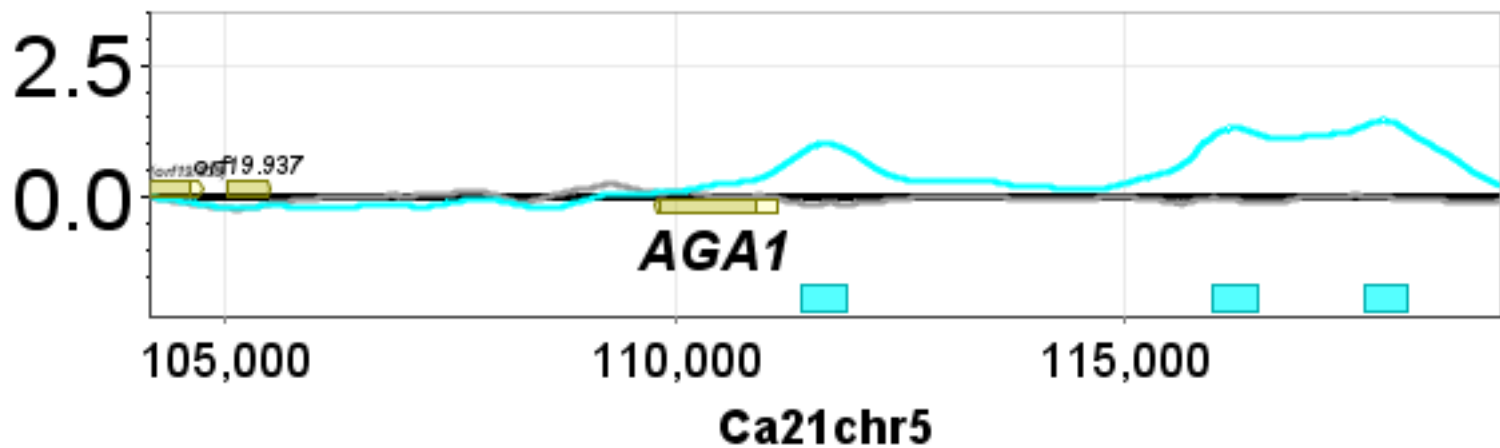
[1.022] Ca21chr1:2215601-2230600 [+] [ntar_207, orf19.4883, WOR1, ntar_206, orf19.4882]



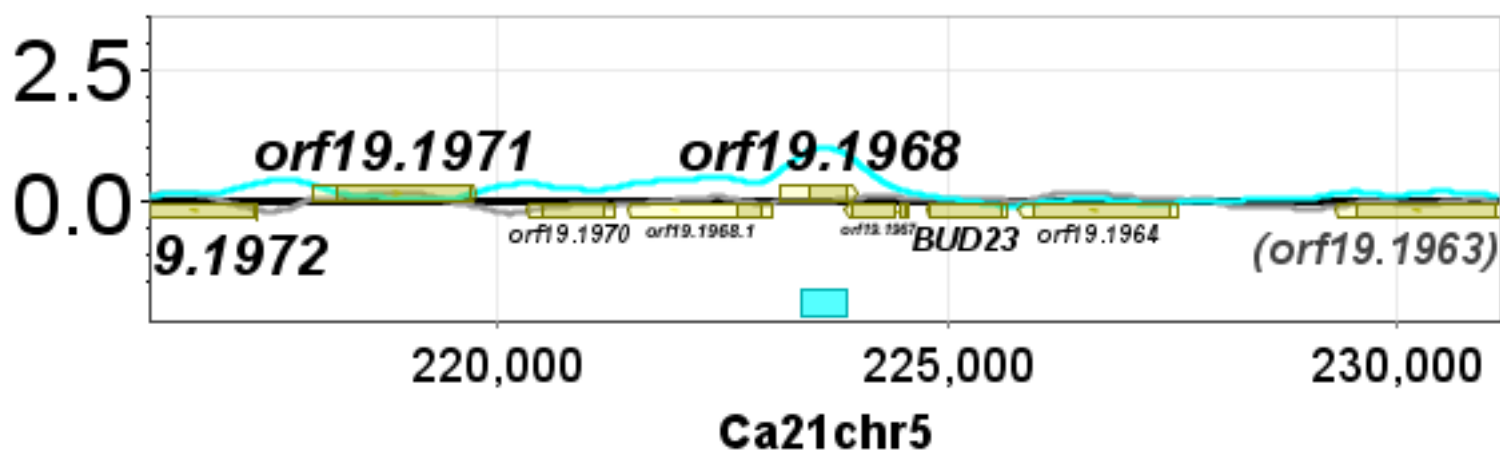
[1.022] Ca21chr6:661197-676196 [+] [ntar_1017, MDR1, BMT6, orf19.5605, orf19.5606]



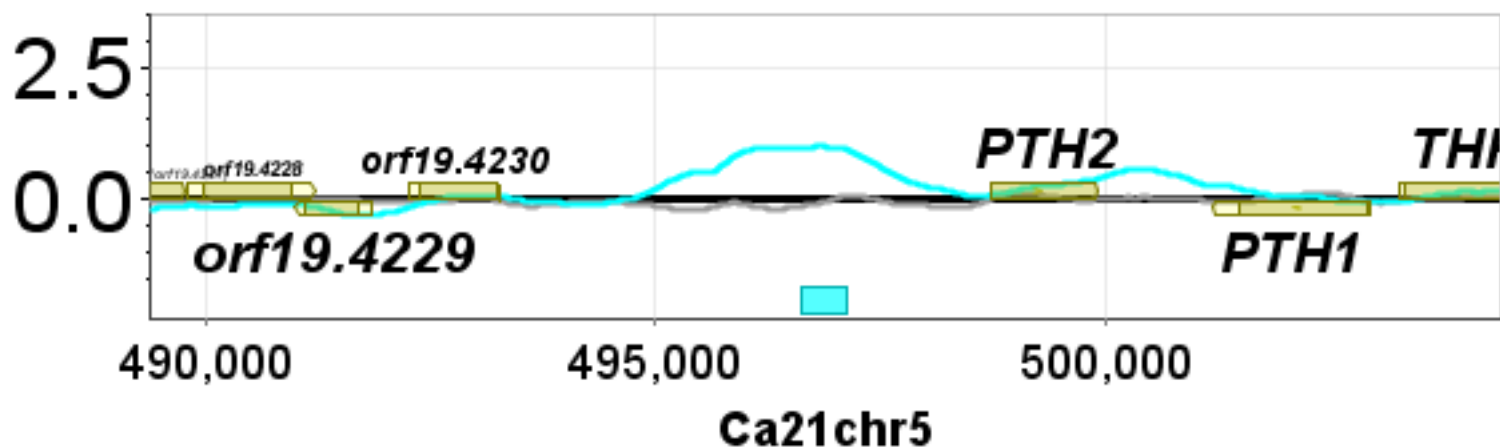
[1.017] Ca21chr5:104154-119153 [+] [AGA1, ntar_854, orf19.936, orf19.937, orf19.938]



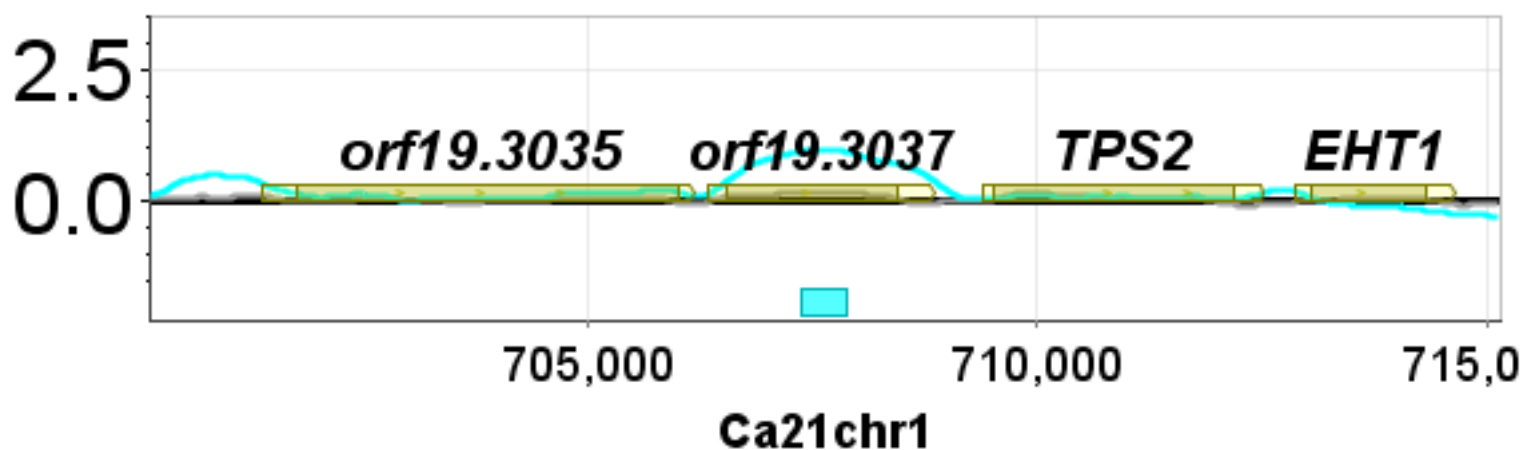
[1.004] Ca21chr5:216129-231128 [+] [orf19.1968, orf19.1968.1, orf19.1967, CCW14, BUD23]



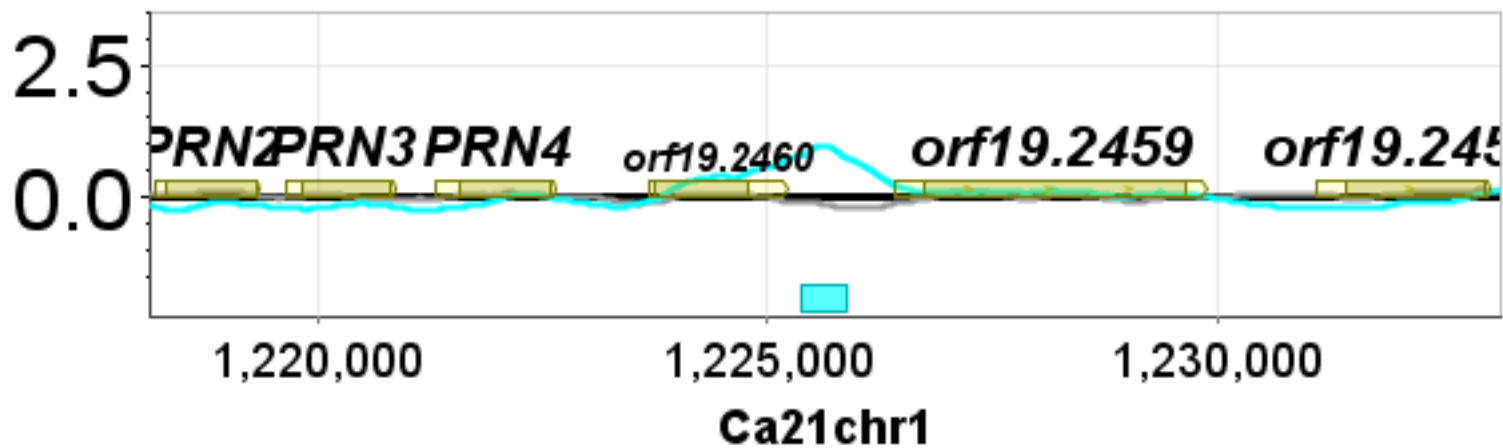
[0.987] Ca21chr5:489372-504371 [+] [PTH2, ntar_890, orf19.4230, orf19.4229, PTH1]



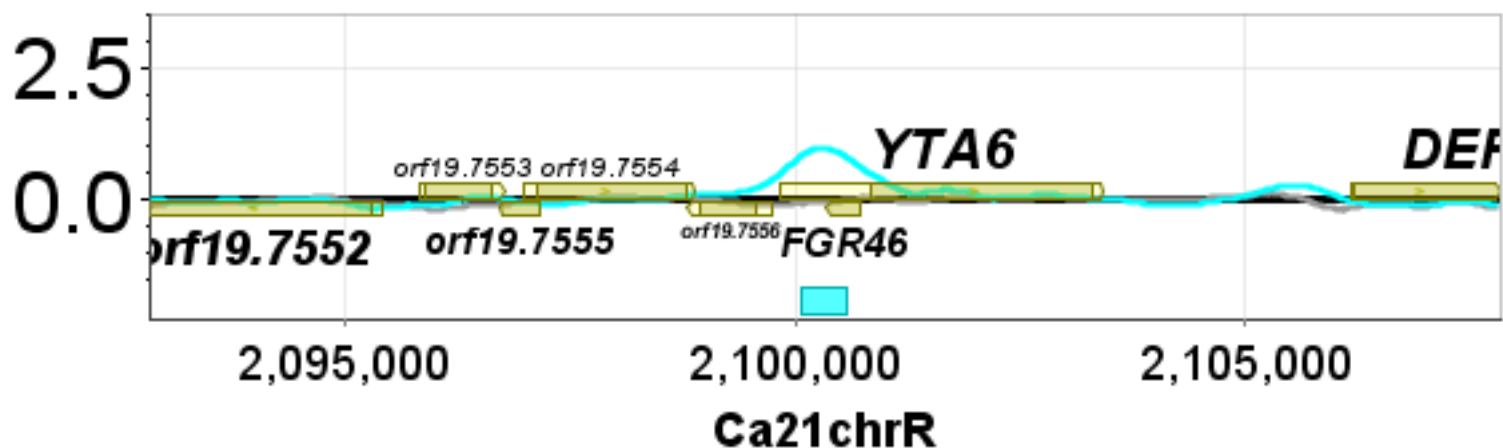
[0.977] Ca21chr1:700135-715134 [+] [orf19.3037, ntar_73, TPS2, EHT1, orf19.3035]



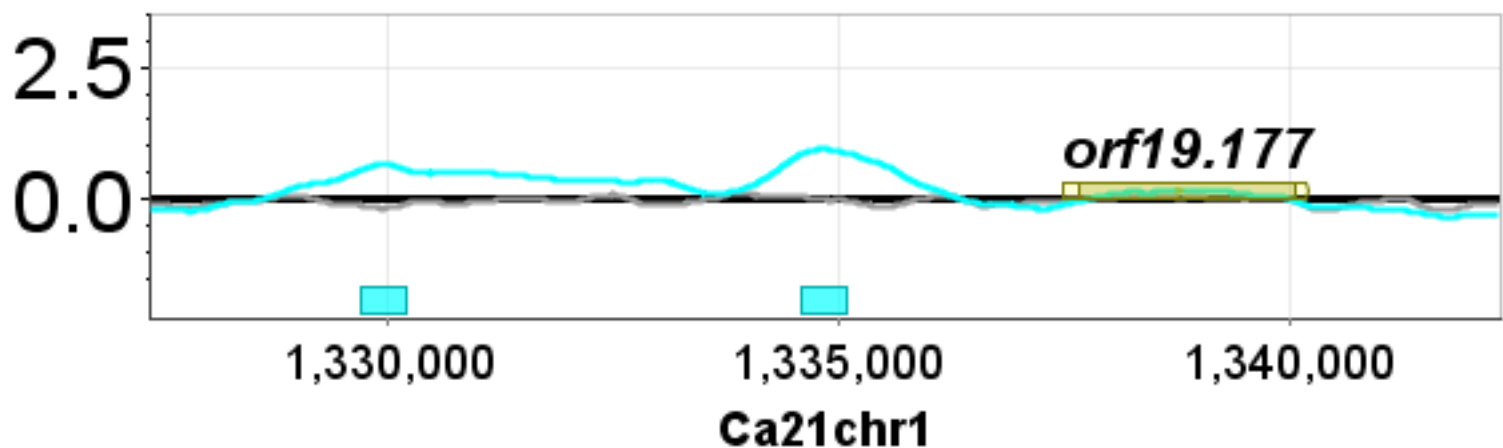
[0.973] Ca21chr1:1218130-1233129 [+] [orf19.2459, orf19.2460, PRN4, orf19.2458, PRN3]



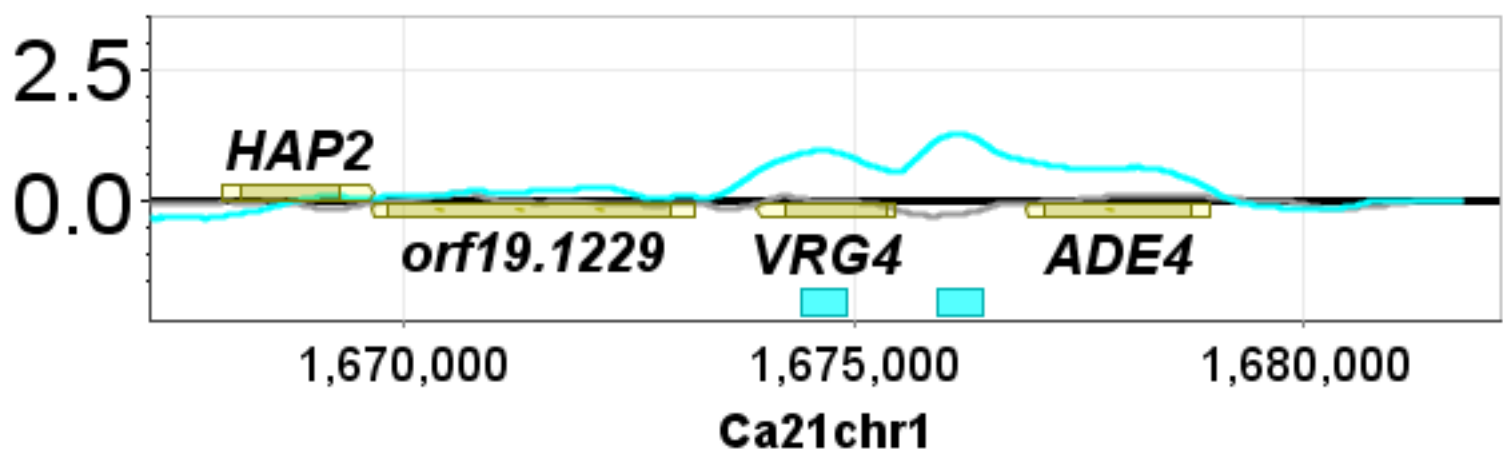
[0.965] Ca21chrR:2092825-2107824 [+] [IFGR46, YTA6, orf19.7556, orf19.7555, orf19.7554]



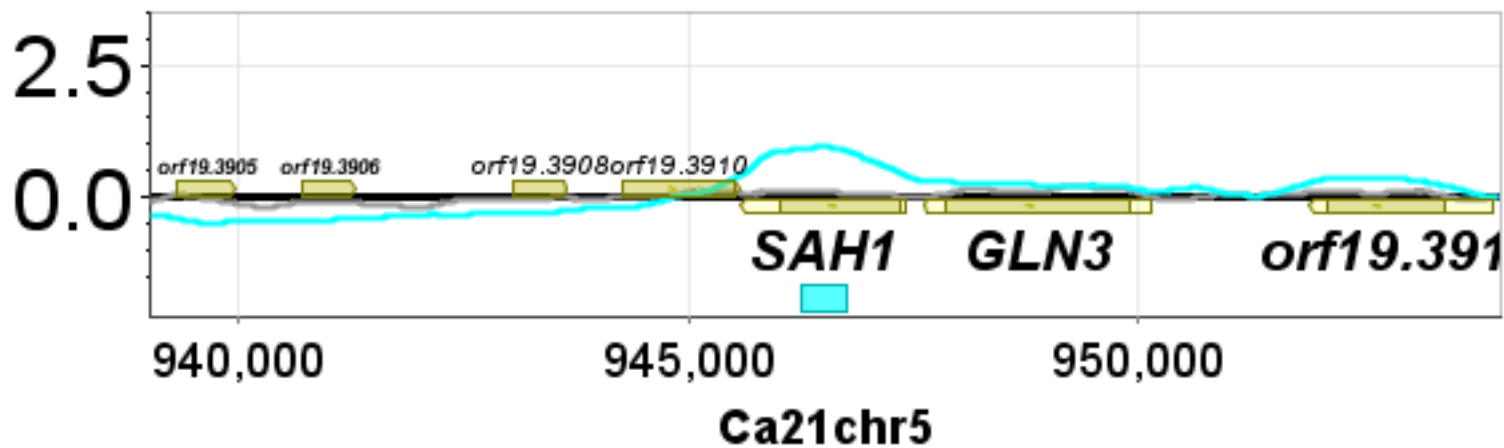
[0.95] Ca21chr1:1327342-1342341 [+] [ntar_127, orf19.177, orf19.6280]



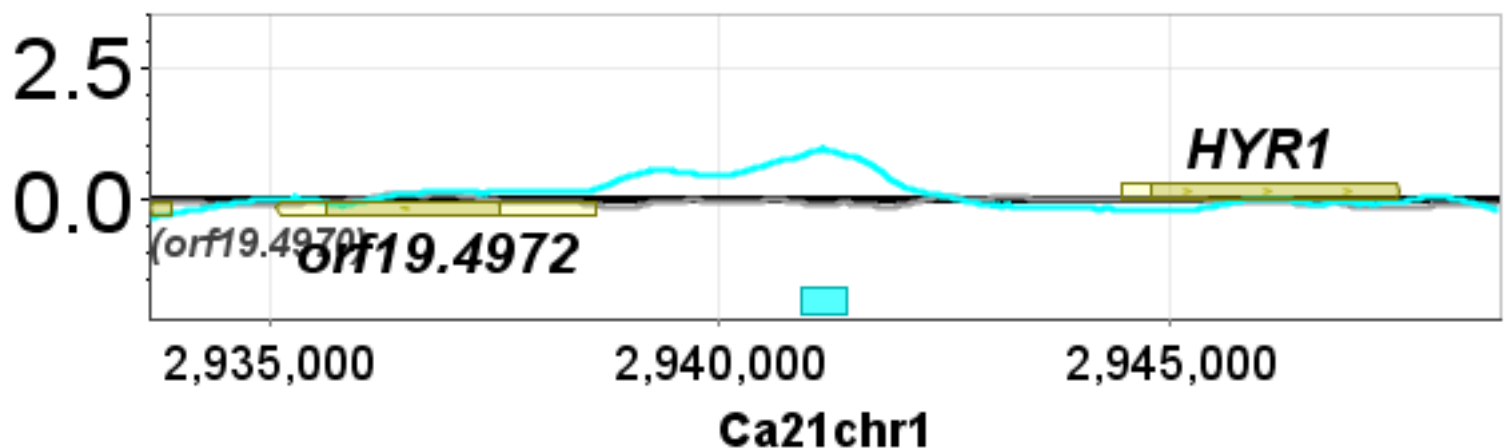
[0.948] Ca21chr1:1667174-1682173 [+] [VRG4, ntar_155, orf19.1229, ADE4, ntar_156]



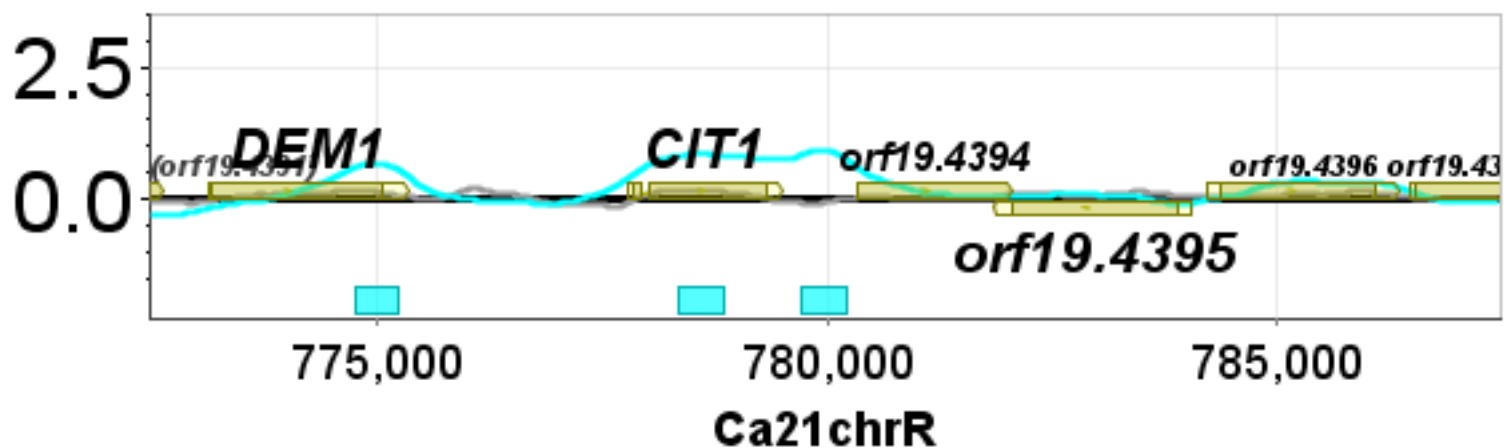
[0.942] Ca21chr5:939007-954006 [+] [SAH1, orf19.3910, orf19.3908, GLN3, orf19.3907]



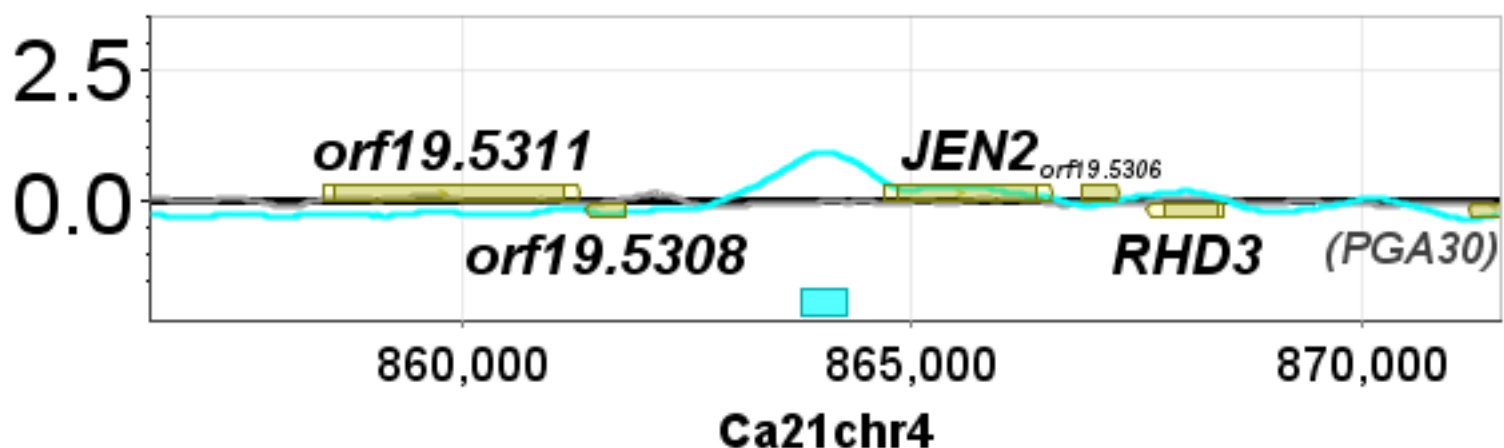
[0.937] Ca21chr1:2933659-2948658 [+] [orf19.4972, HYR1, orf19.4970]

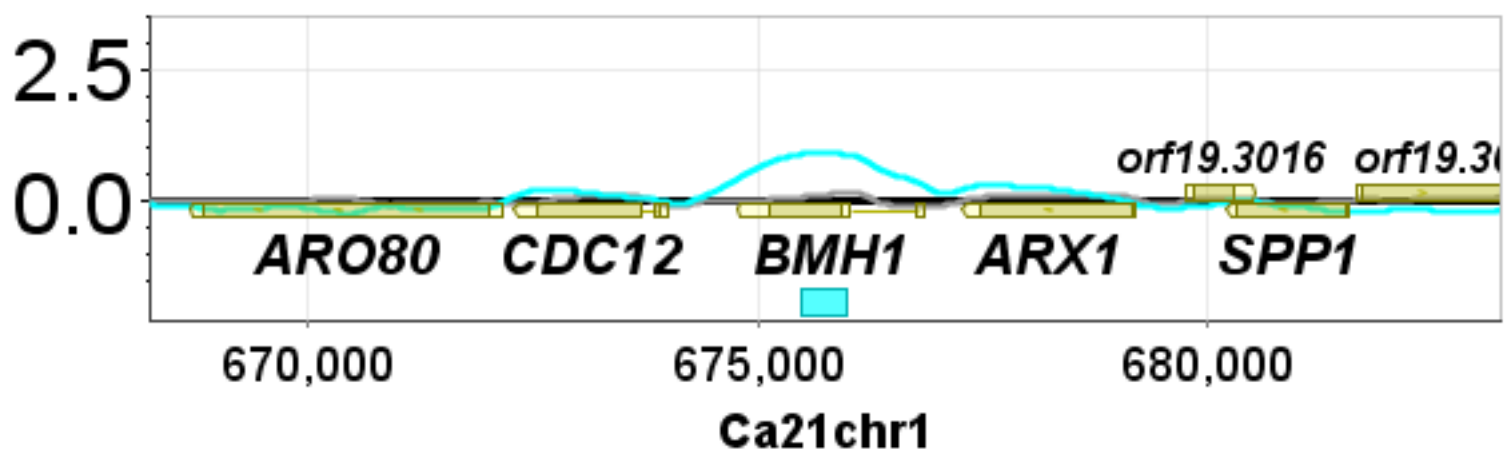
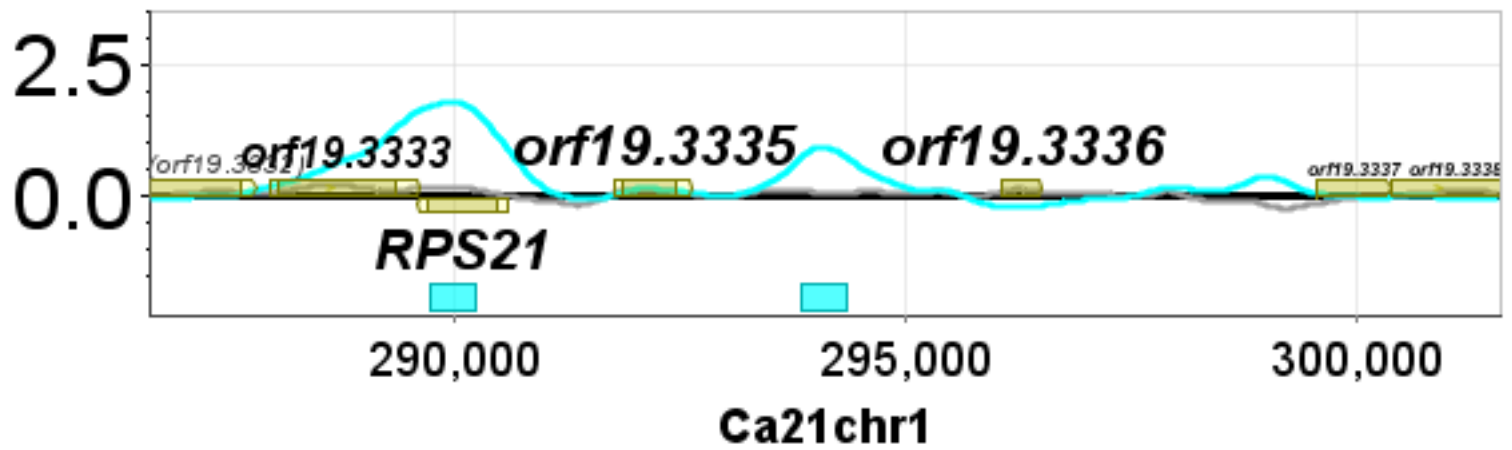
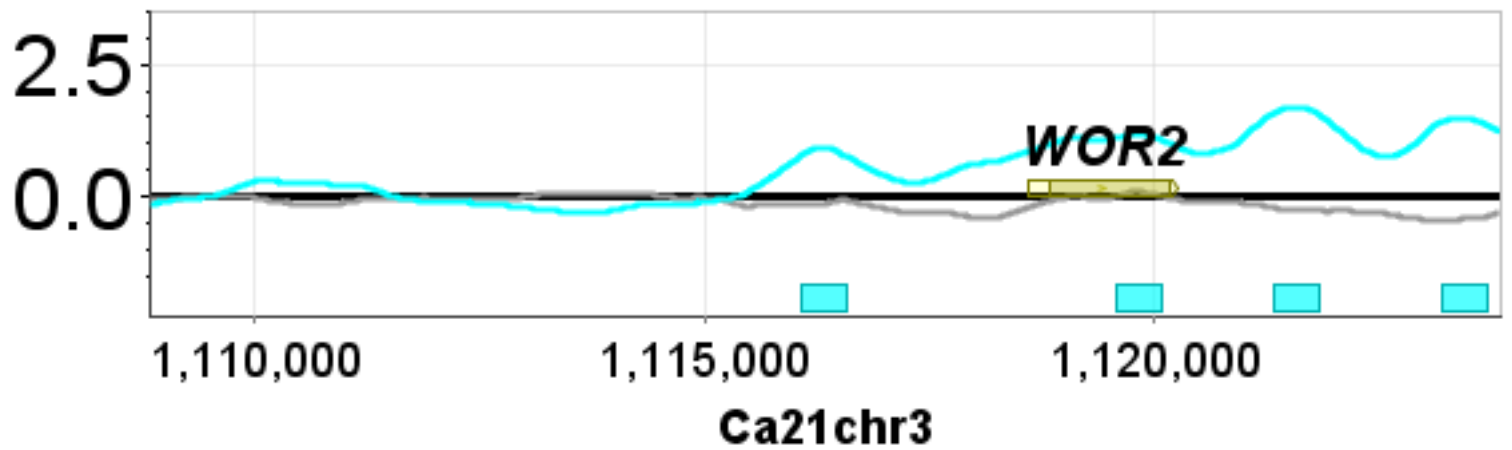
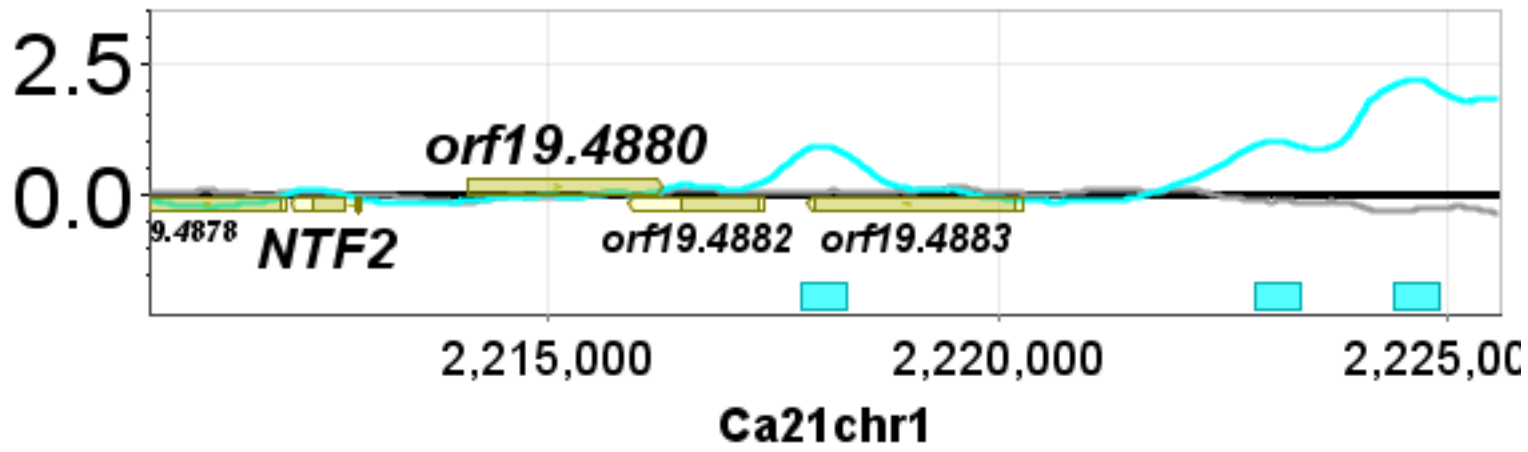


[0.937] Ca21chrR:772463-787462 [+] [orf19.4394, CIT1, orf19.4395, orf19.4396, ntar_1246]

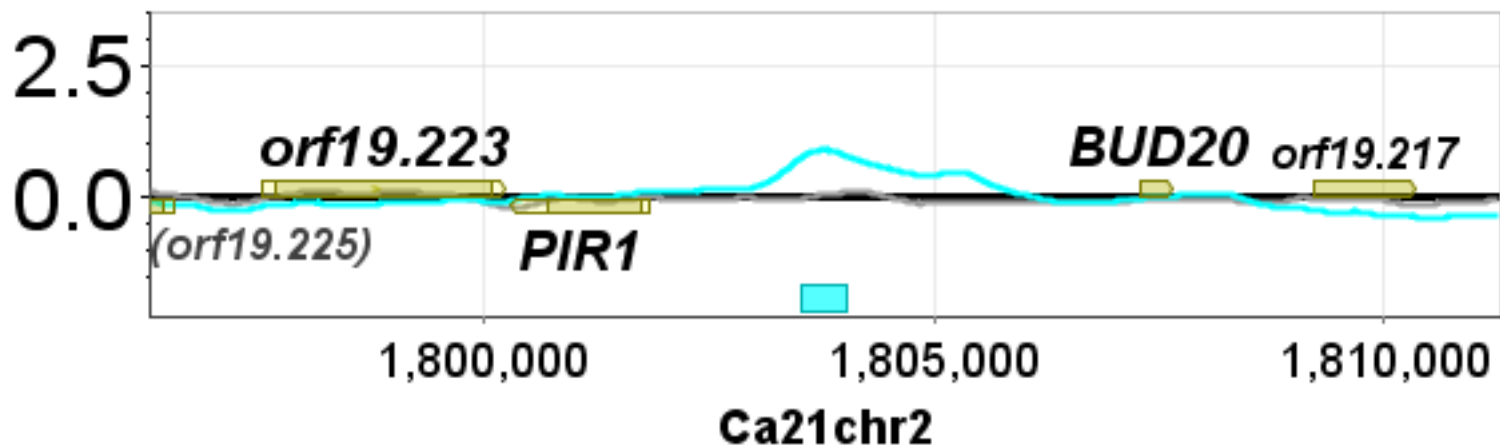


[0.933] Ca21chr4:856525-871524 [+] [JEN2, orf19.5308, orf19.5306, RHD3, orf19.5304]

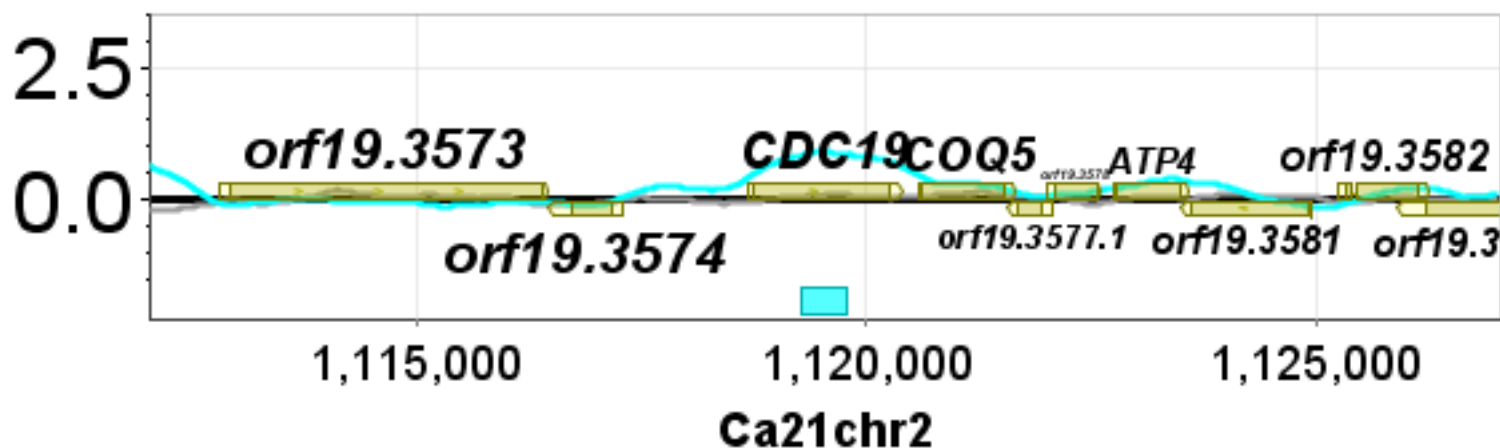




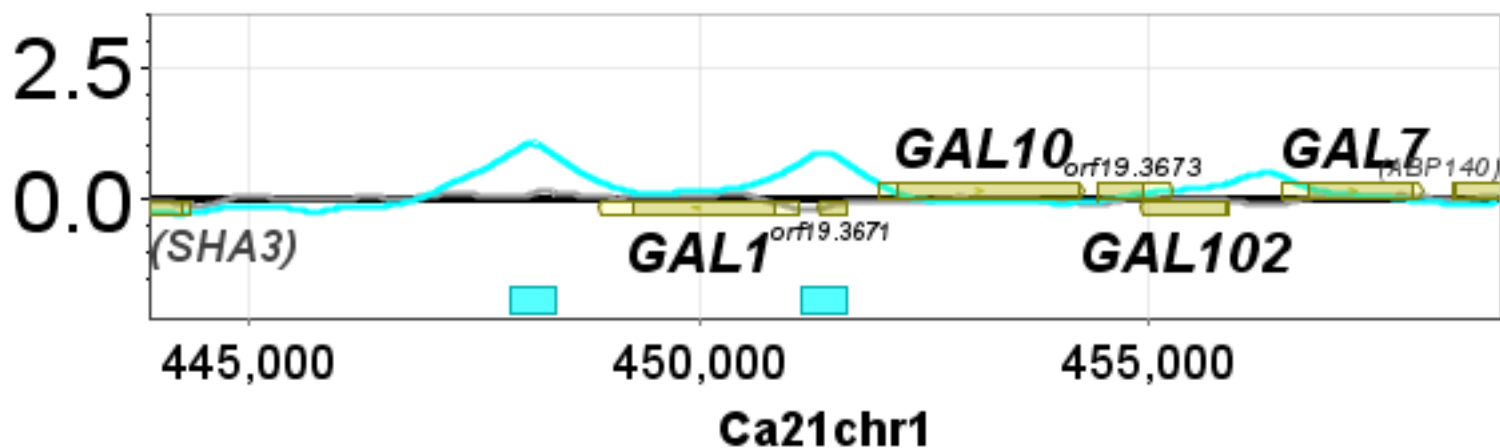
[0.901] Ca21chr2:1796281-1811280 [+] [PIR1, BUD20, orf19.217, orf19.223, orf19.225]



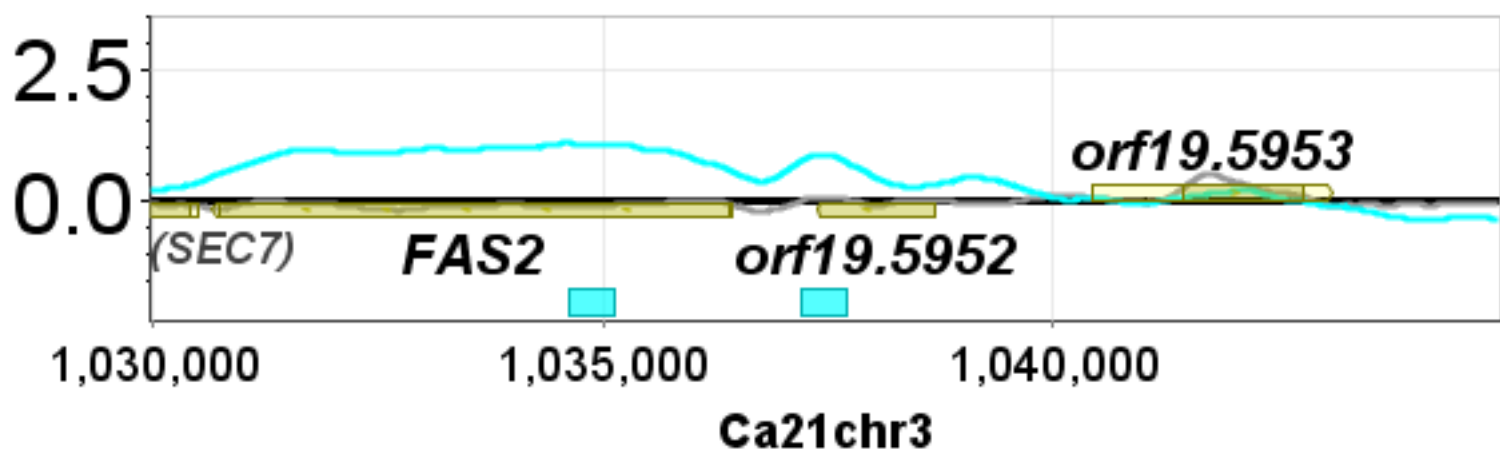
[0.893] Ca21chr2:1112036-1127035 [+] [CDC19, COQ5, ntar_394, orf19.3574, orf19.3578]

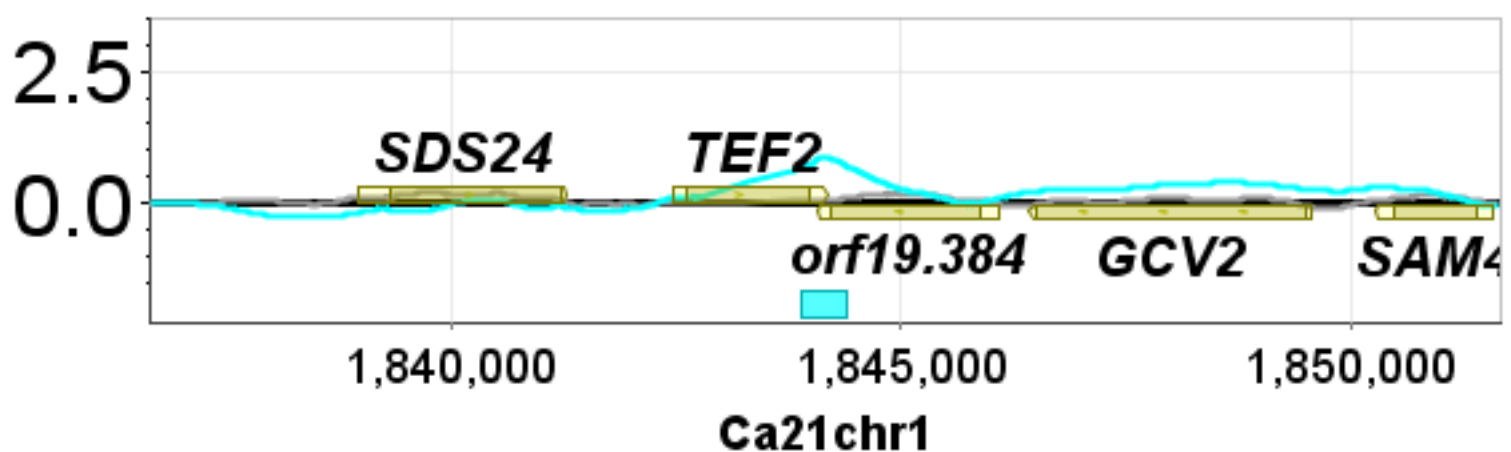
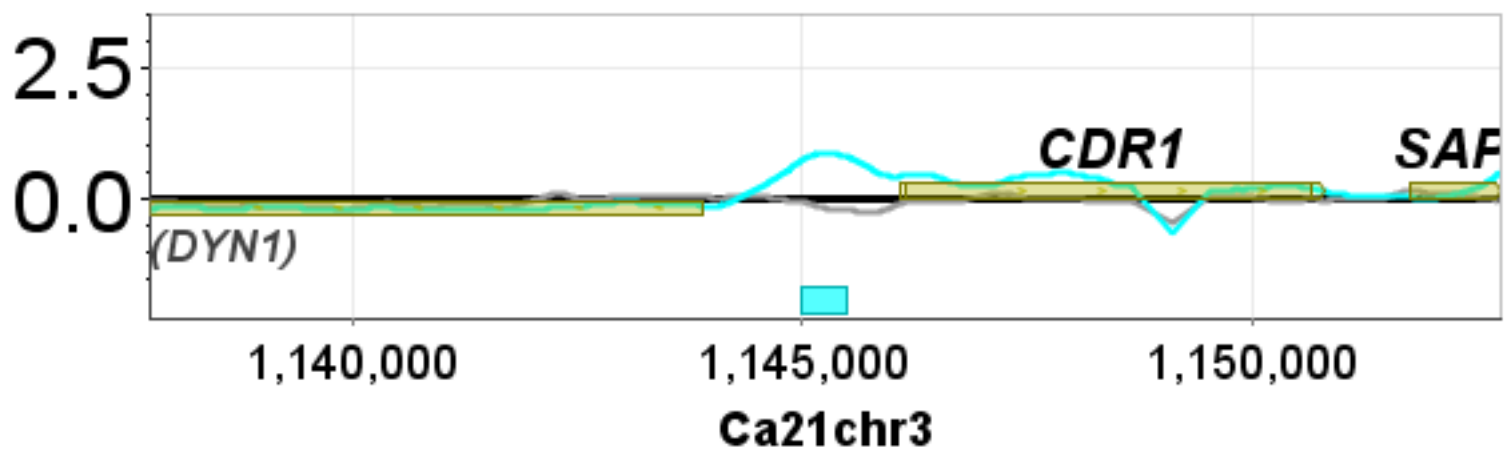
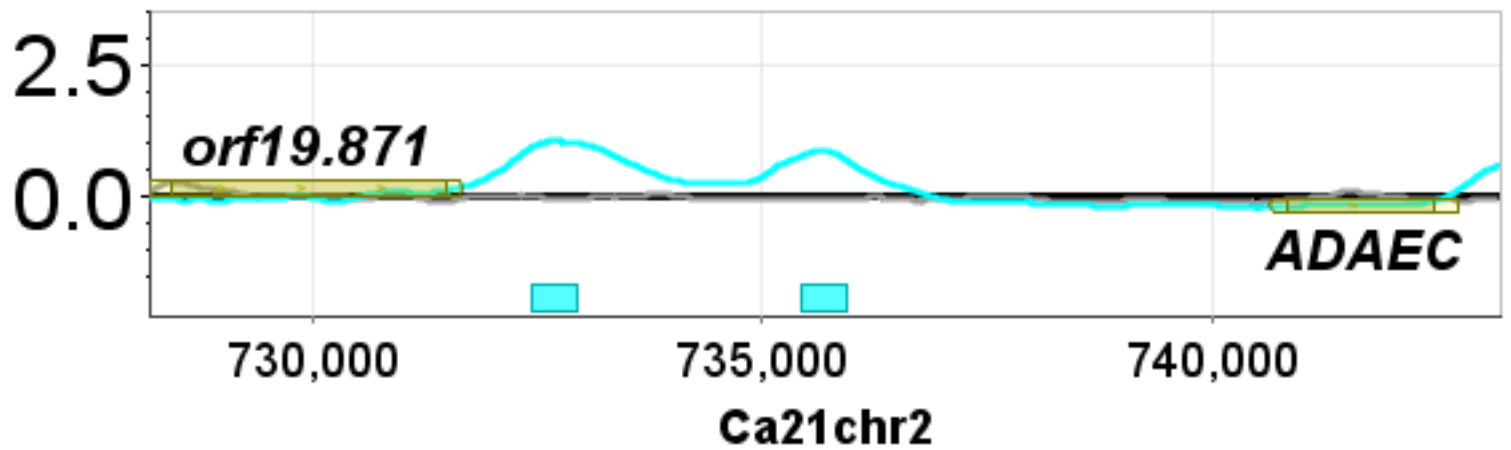
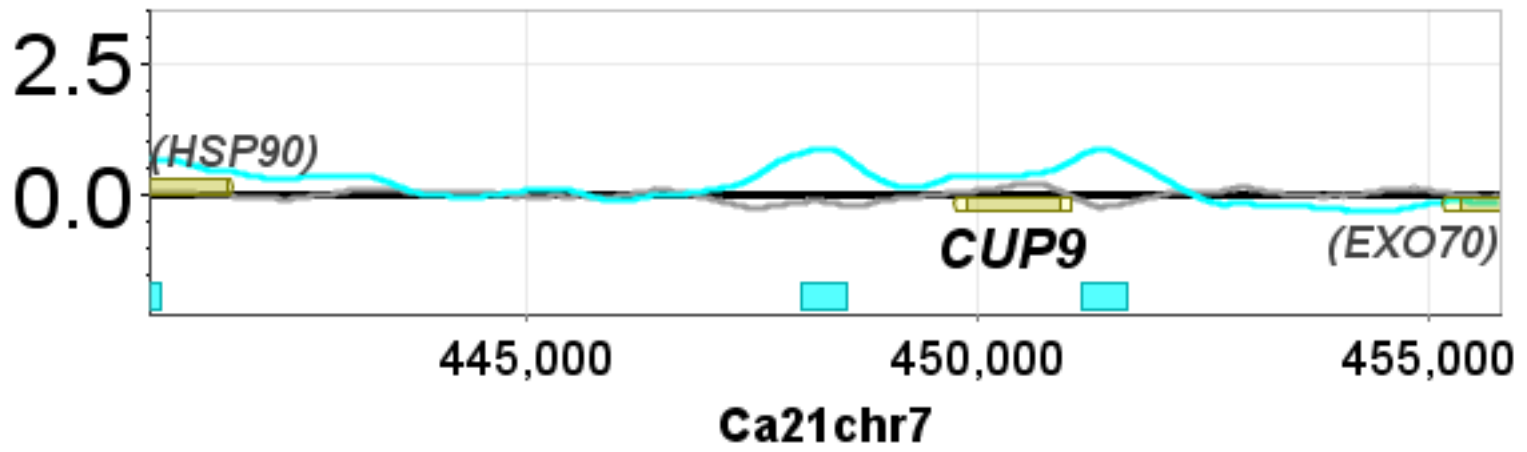


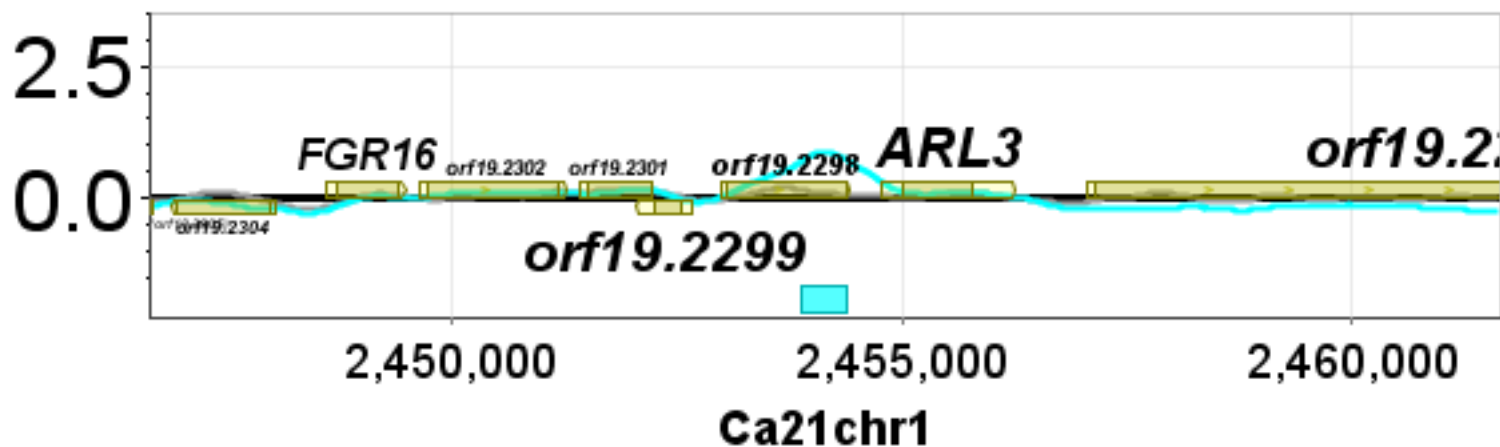
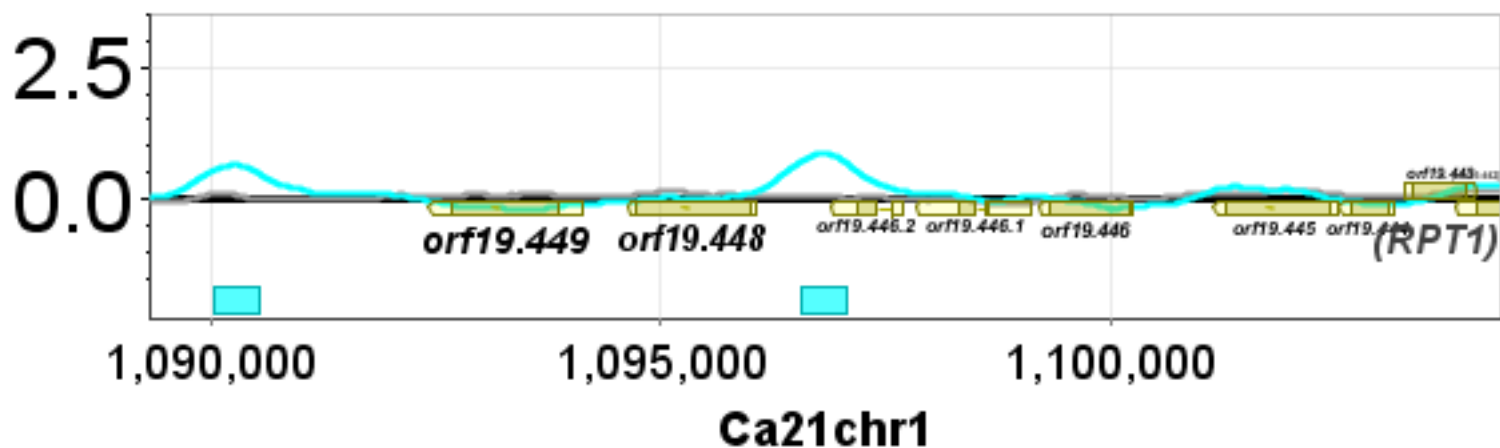
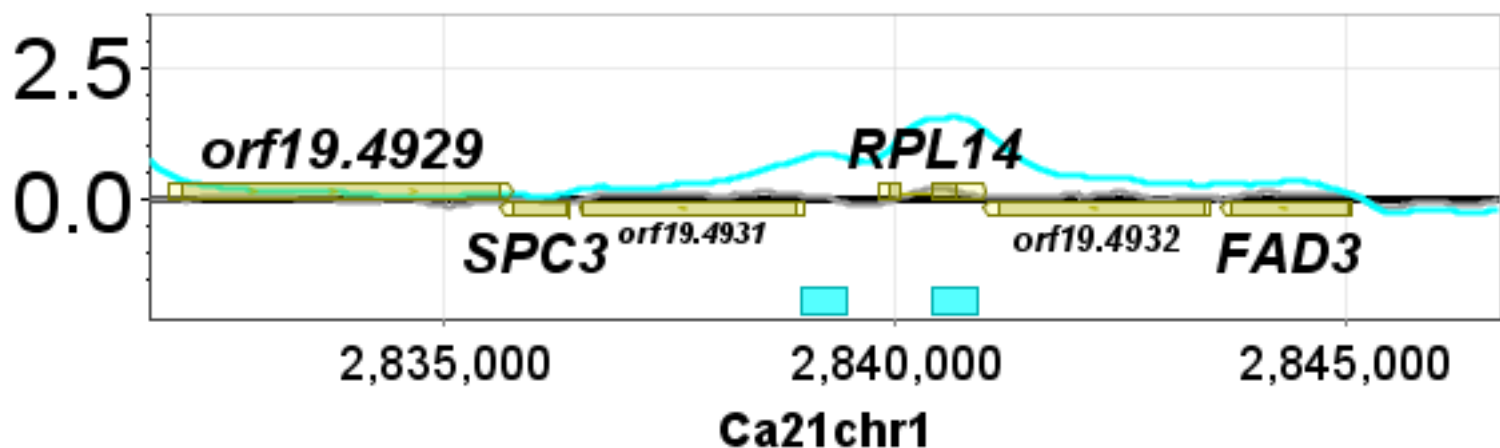
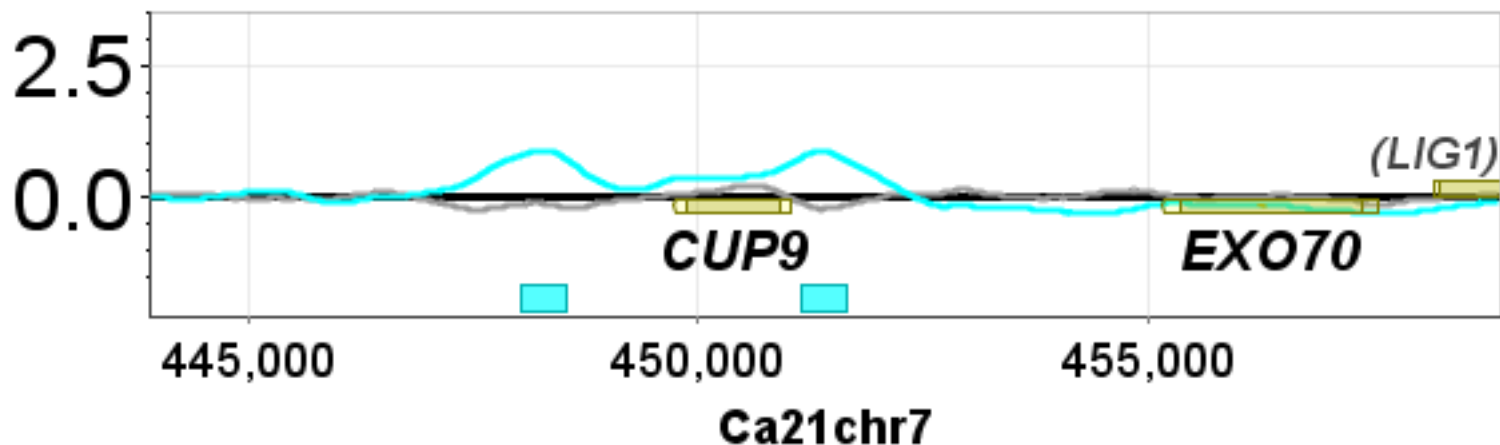
[0.88] Ca21chr1:443884-458883 [+] [orf19.3671, GAL1, GAL10, orf19.3673, ntar_43]

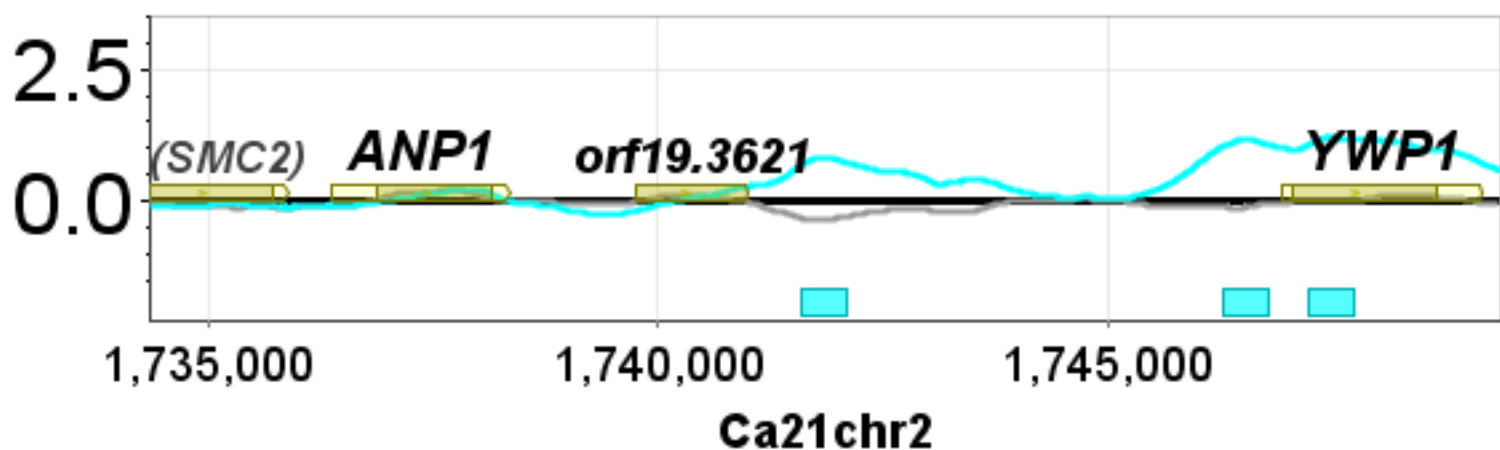
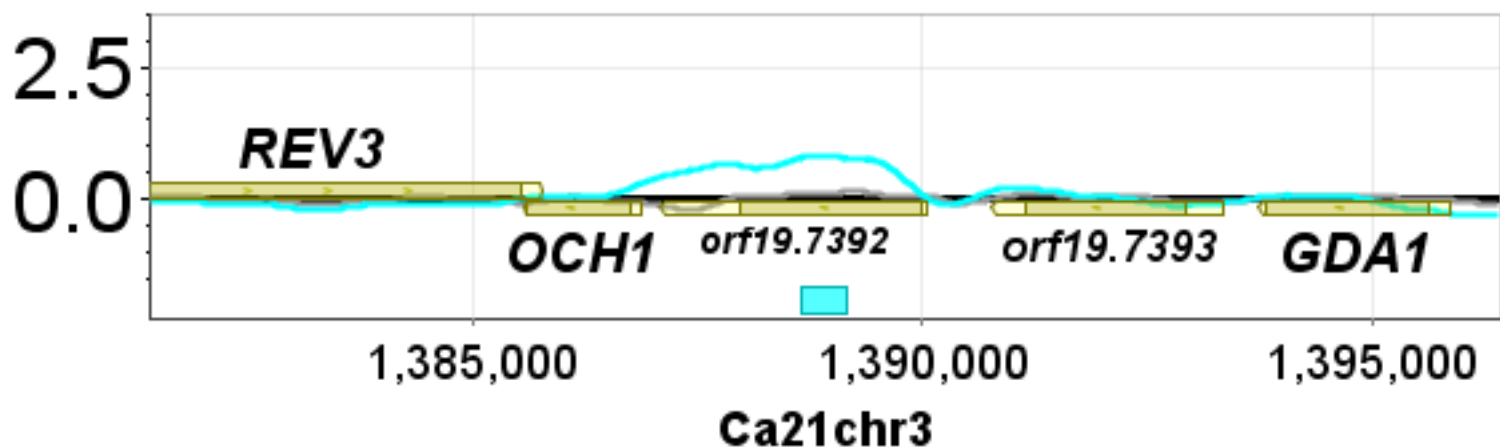
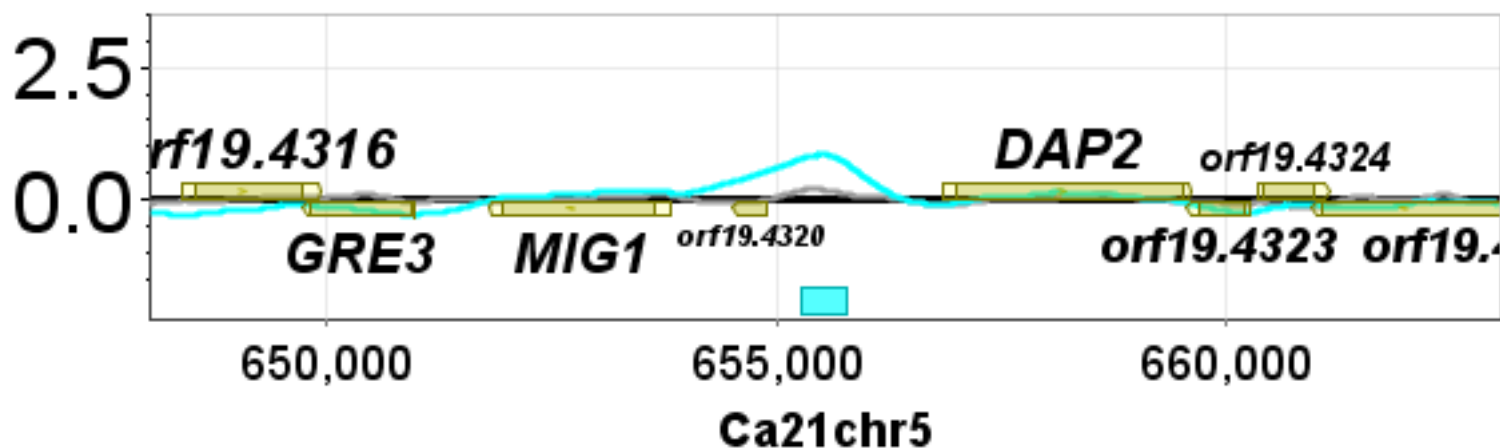
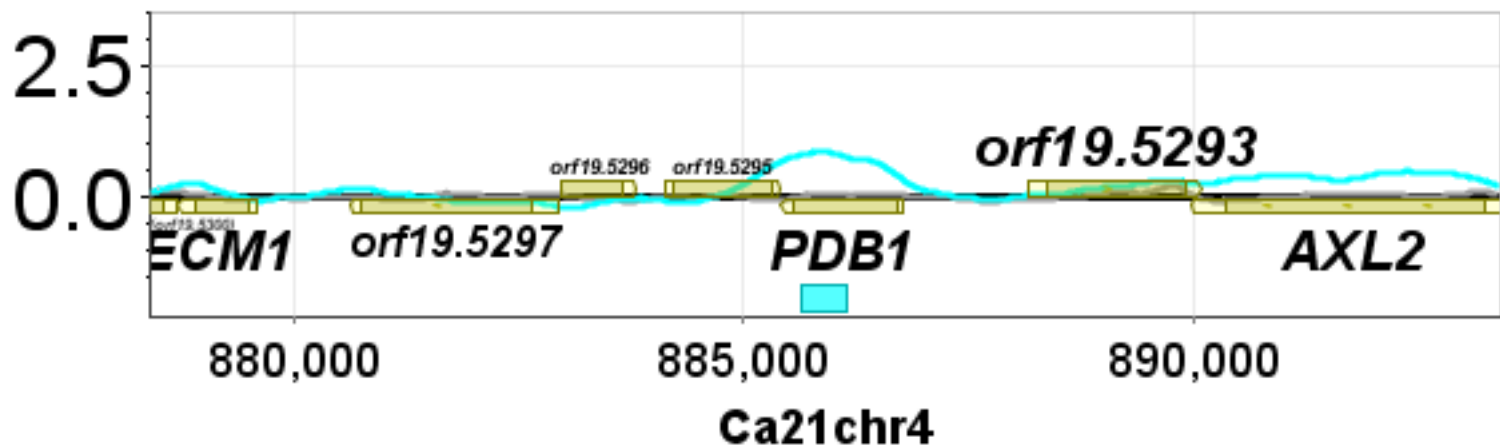


[0.88] Ca21chr3:1029952-1044951 [+] [ntar_606, FAS2, orf19.5952, tk(cuu)2, orf19.5953]

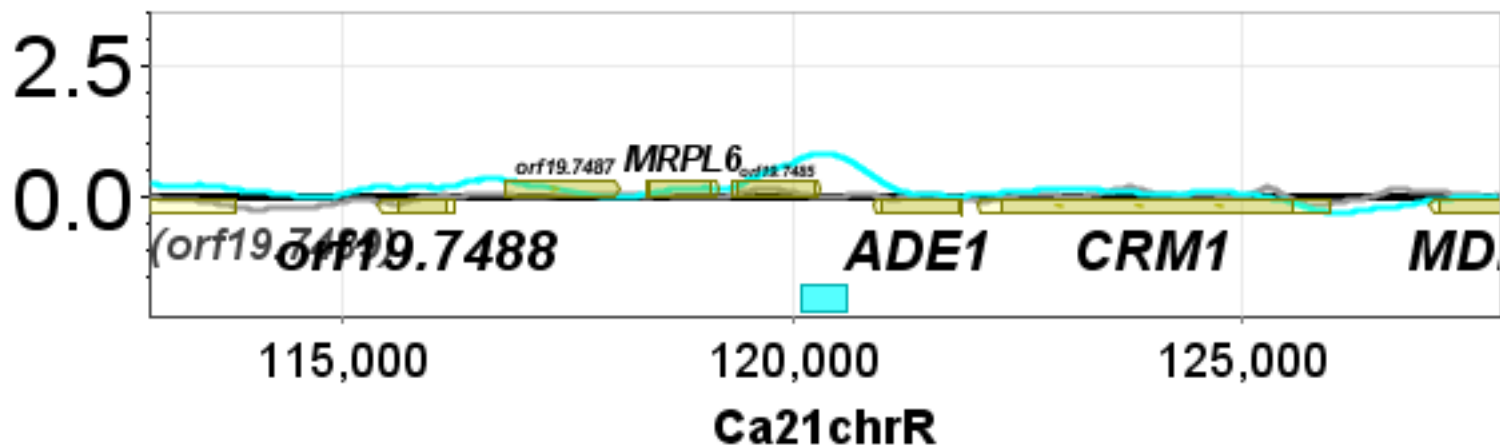




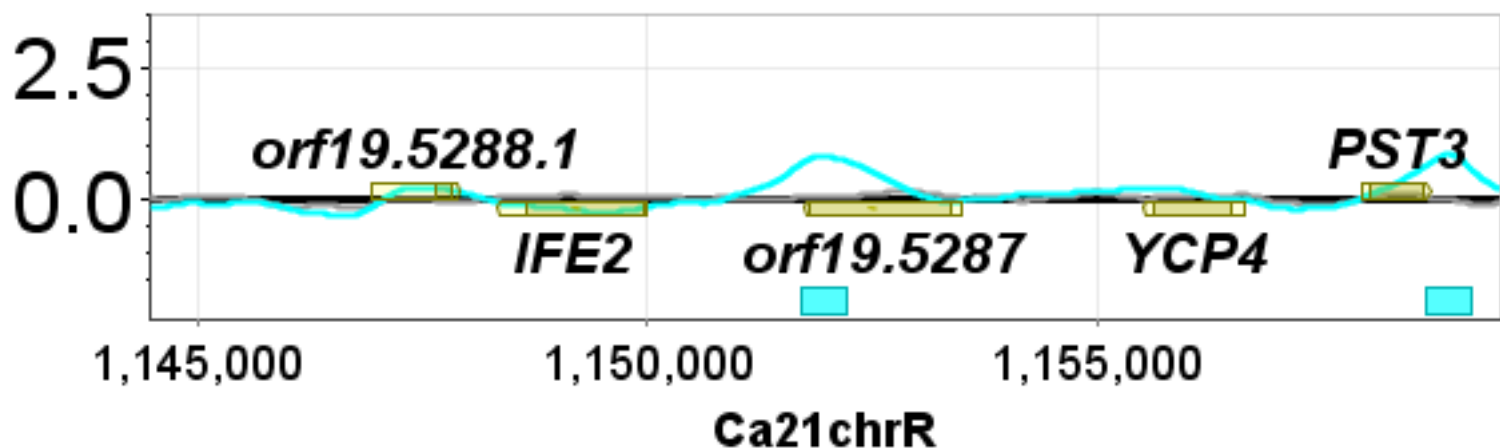




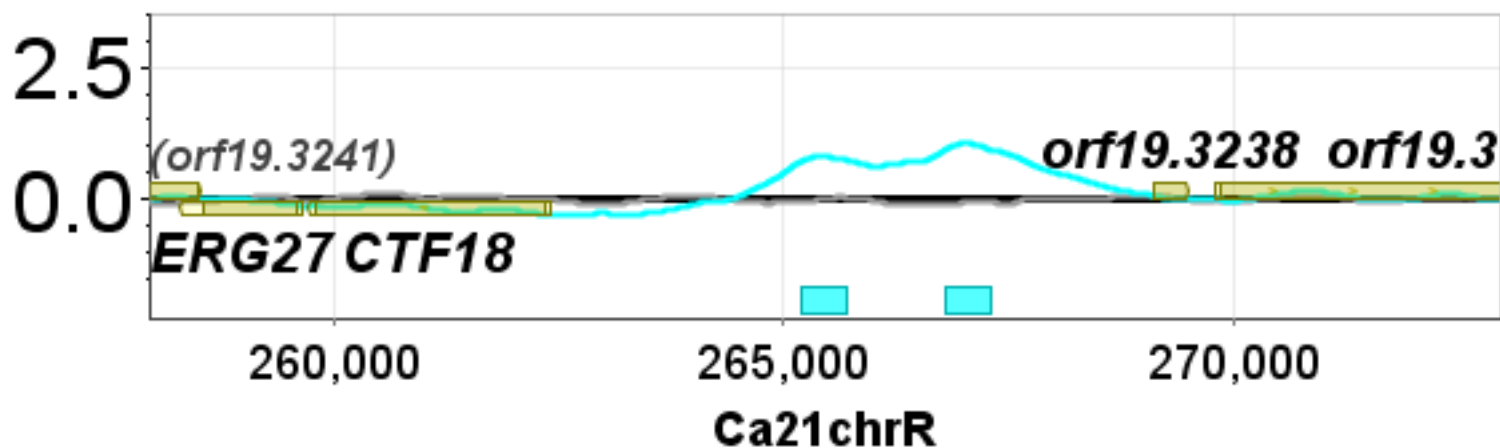
[0.829] Ca21chrR:112852-127851 [+] [ntar_1162, snrnau5, orf19.7485, ADE1, MRPL6]



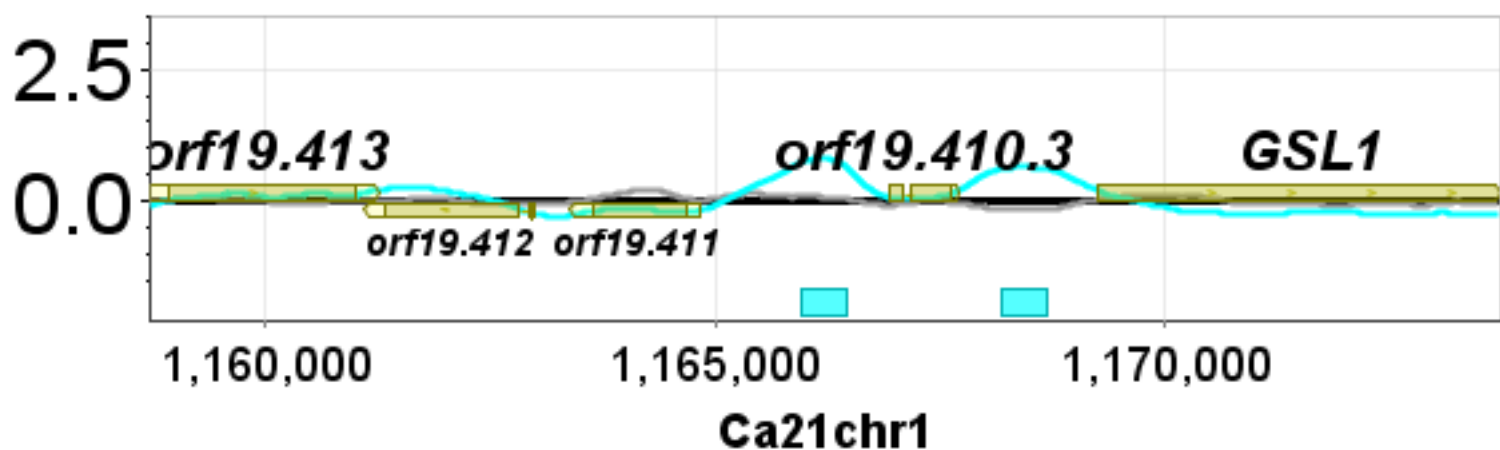
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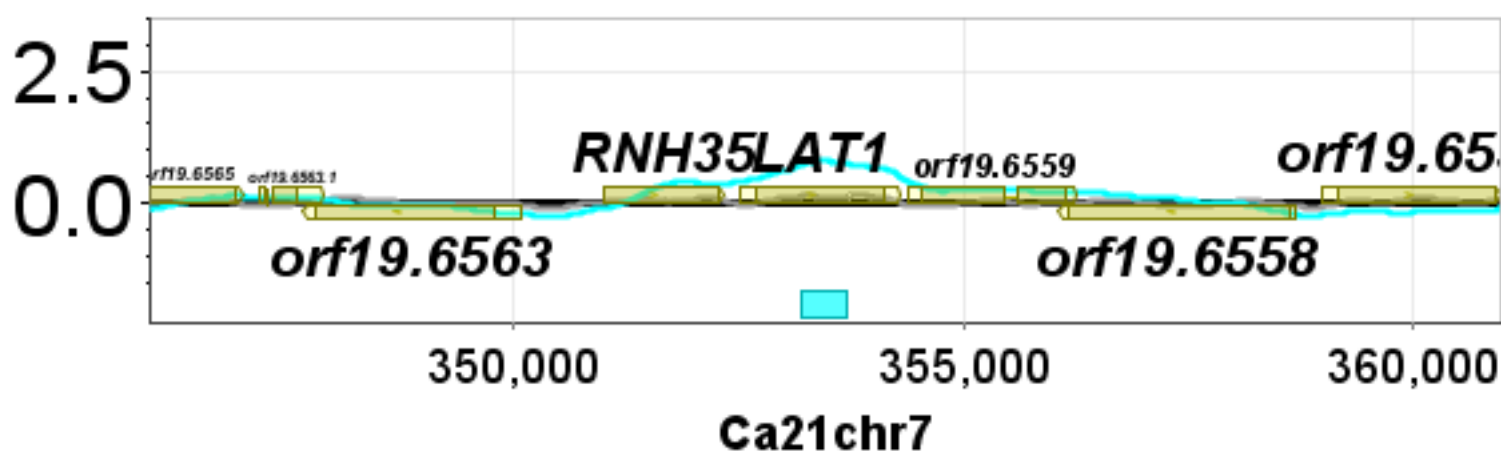
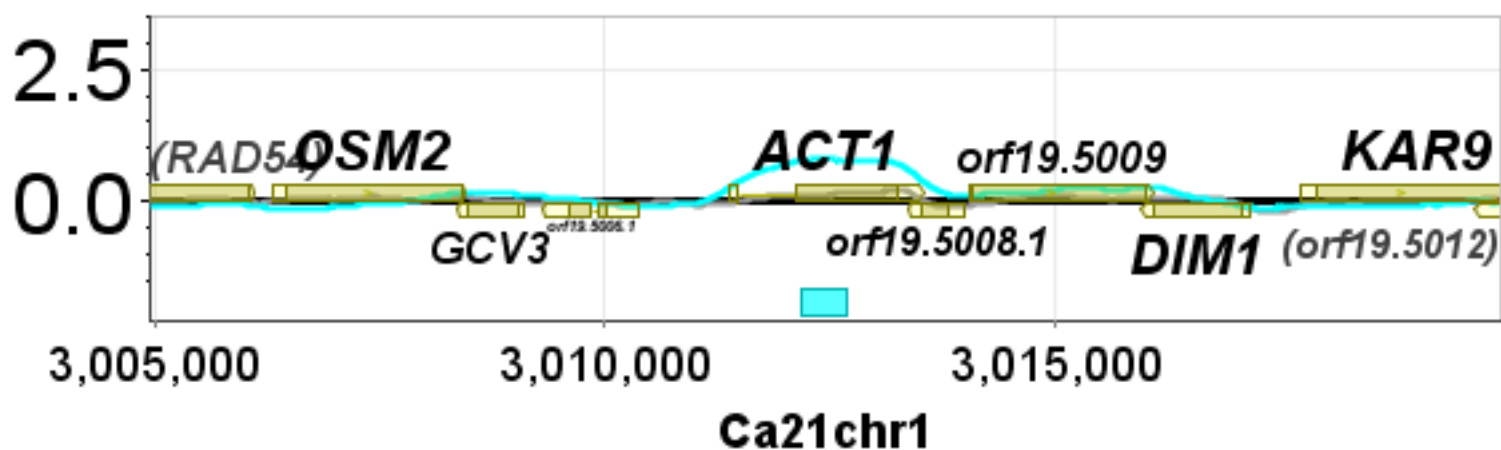
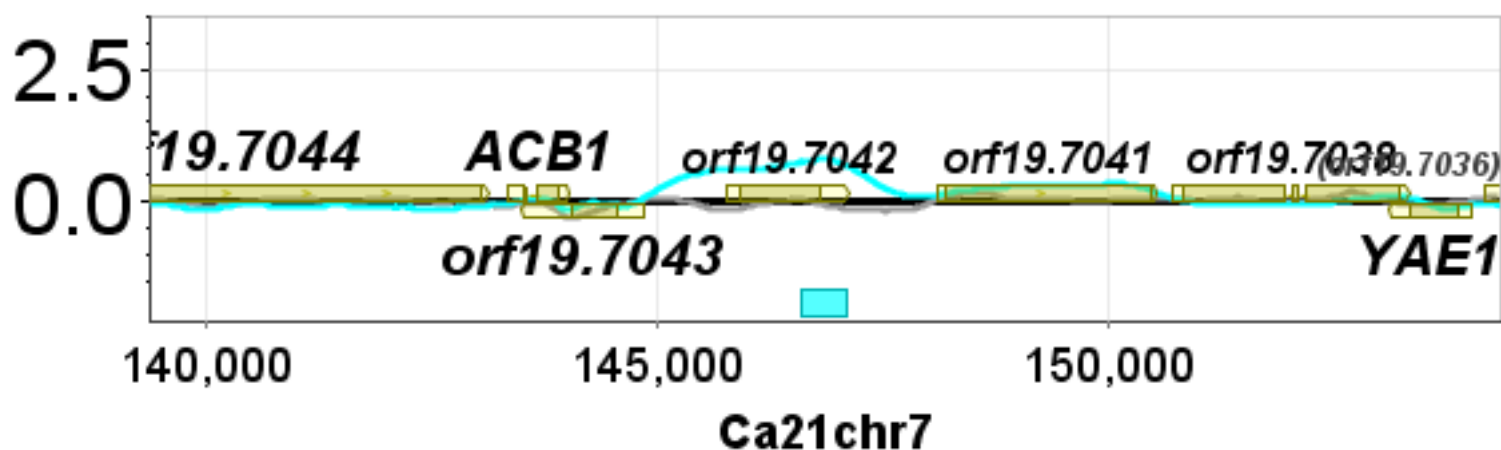
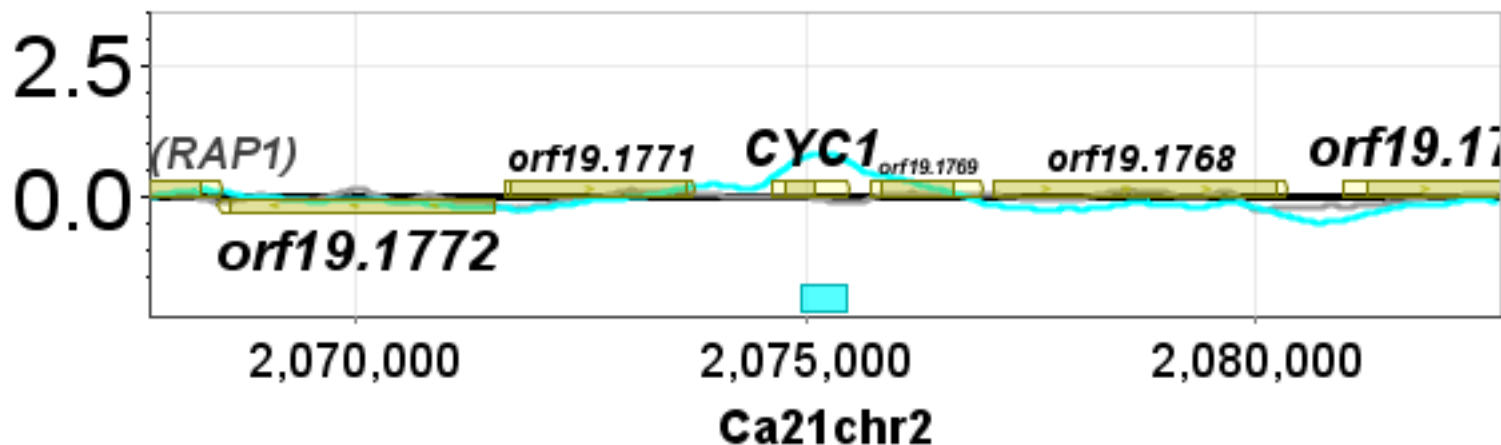


[0.806] Ca21chrR:257952-272951 [+] [ntar_1177, ntar_1176, ntar_1178, ntar_1175.5, ntar_1179.1]

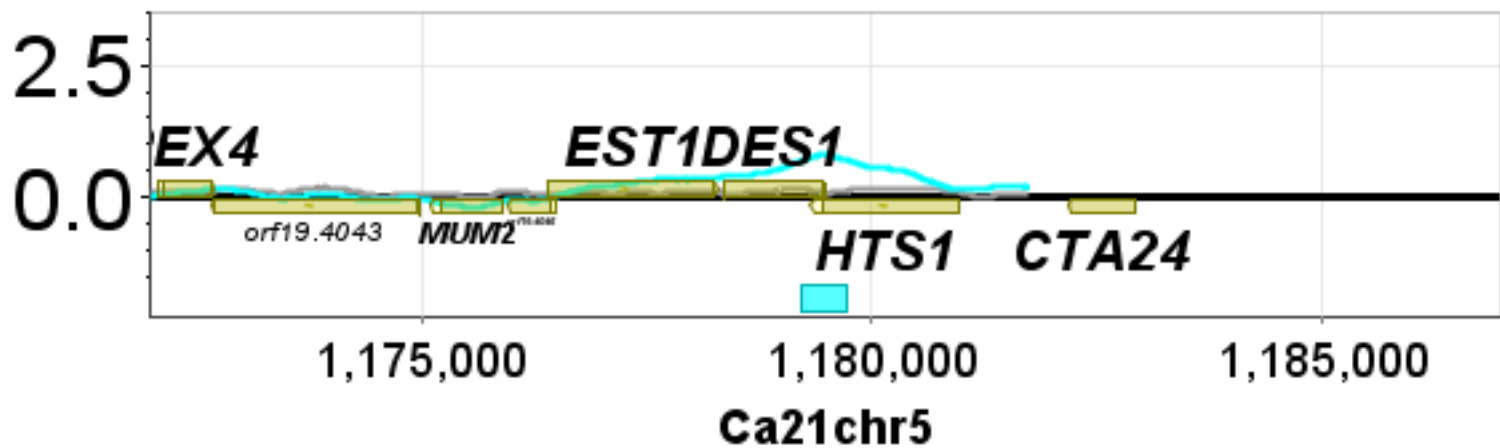


[0.805] Ca21chr1:1158710-1173709 [+] [ntar_1426, orf19.410.3, ntar_117, orf19.411, tn(guu)2]

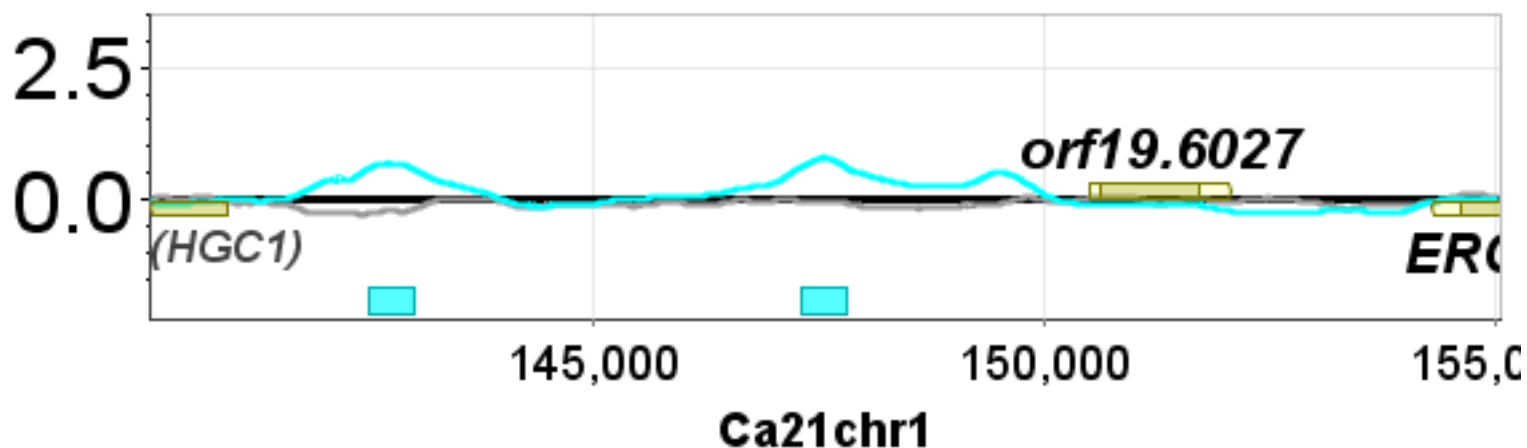




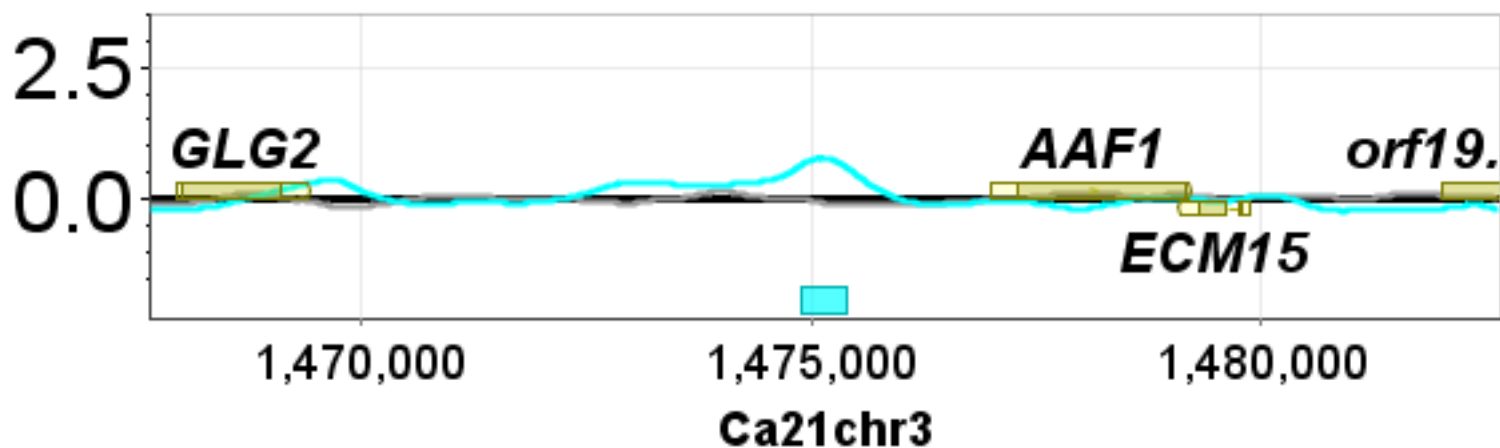
[0.791] Ca21chr5:1171970-1186969 [+] [DES1, HTS1, ntar_1414, orf19.4046, EST1]



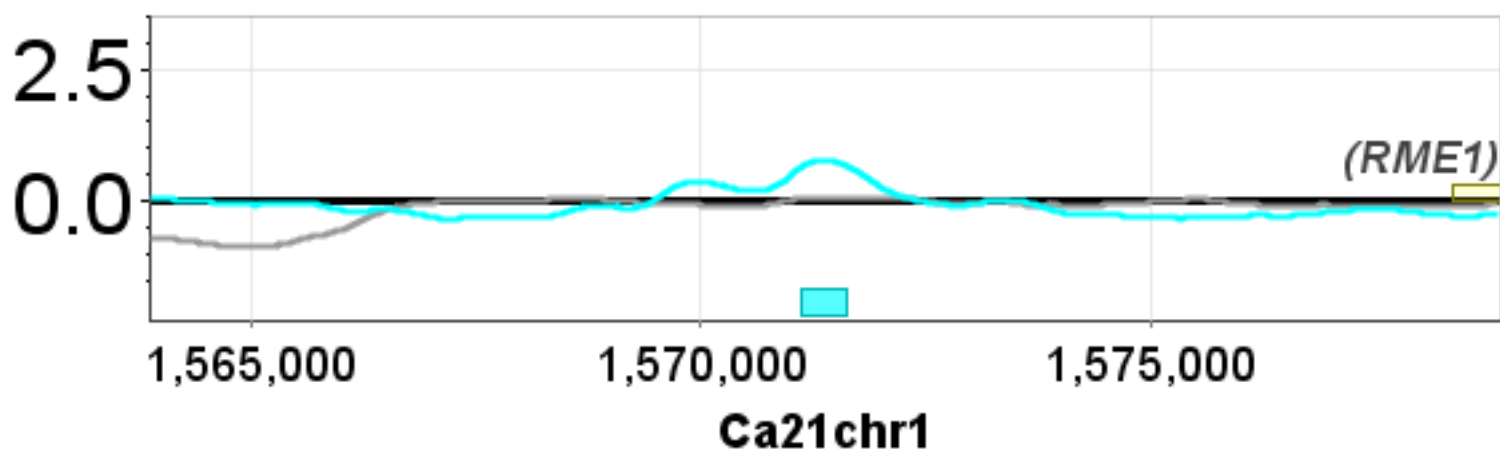
[0.789] Ca21chr1:140057-155056 [+] [ntar_16, orf19.6027, HGC1, ERG2]



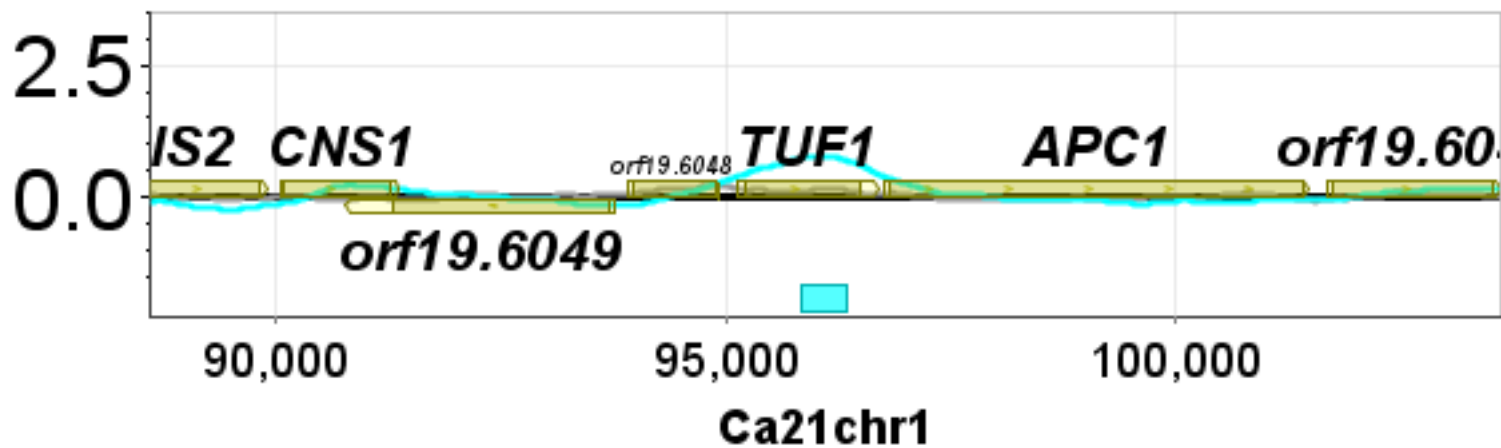
[0.784] Ca21chr3:1467644-1482643 [+] [ntar_658, ntar_659, AAF1, ECM15, ntar_660]



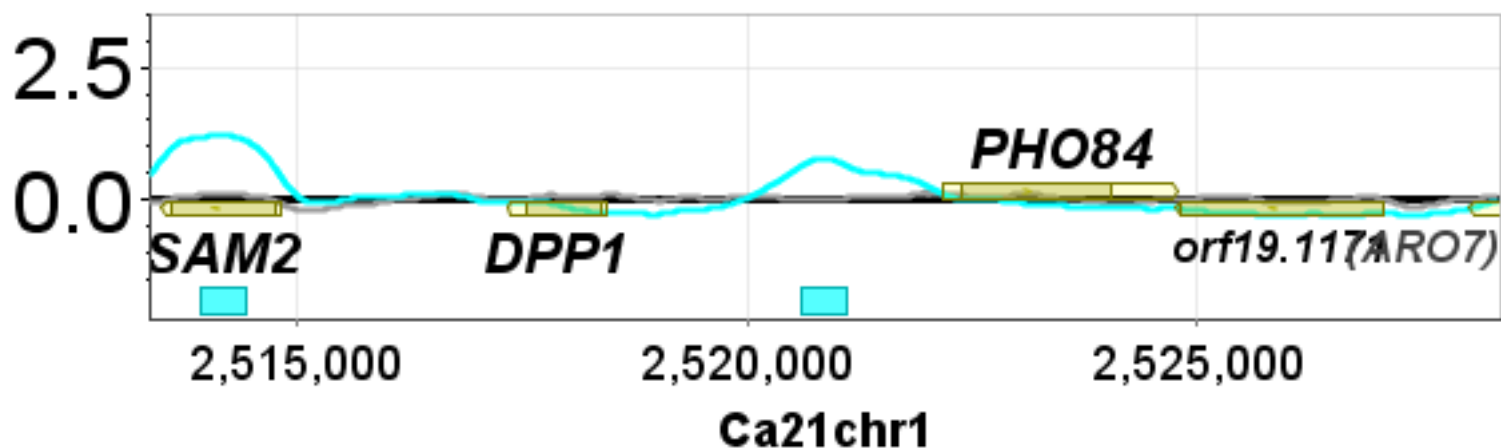
[0.777] Ca21chr1:1563874-1578873 [+] [ntar_139, ntar_138, tl(aag)2, ntar_140, RME1]



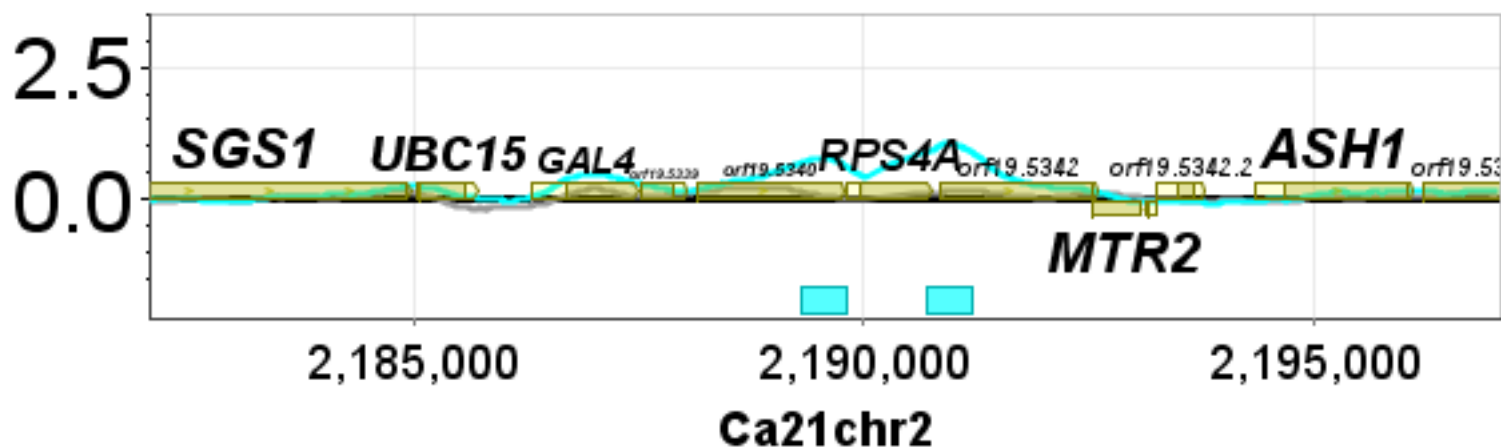
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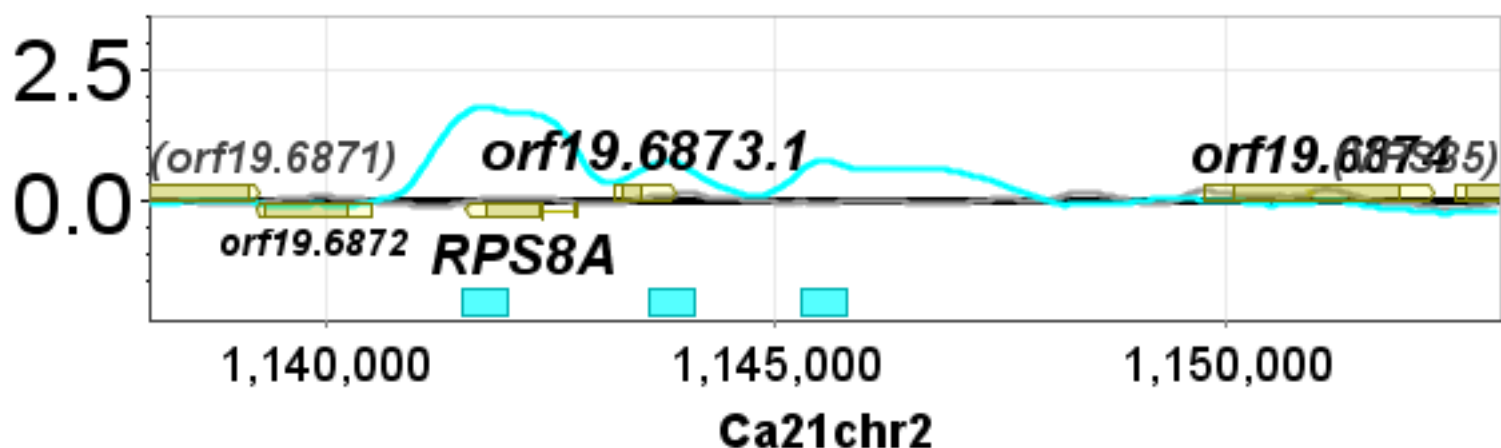
[0.769] Ca21chr1:2513359-2528358 [+] [PHO84, DPP1, ntar_240, ntar_241, ntar_239]



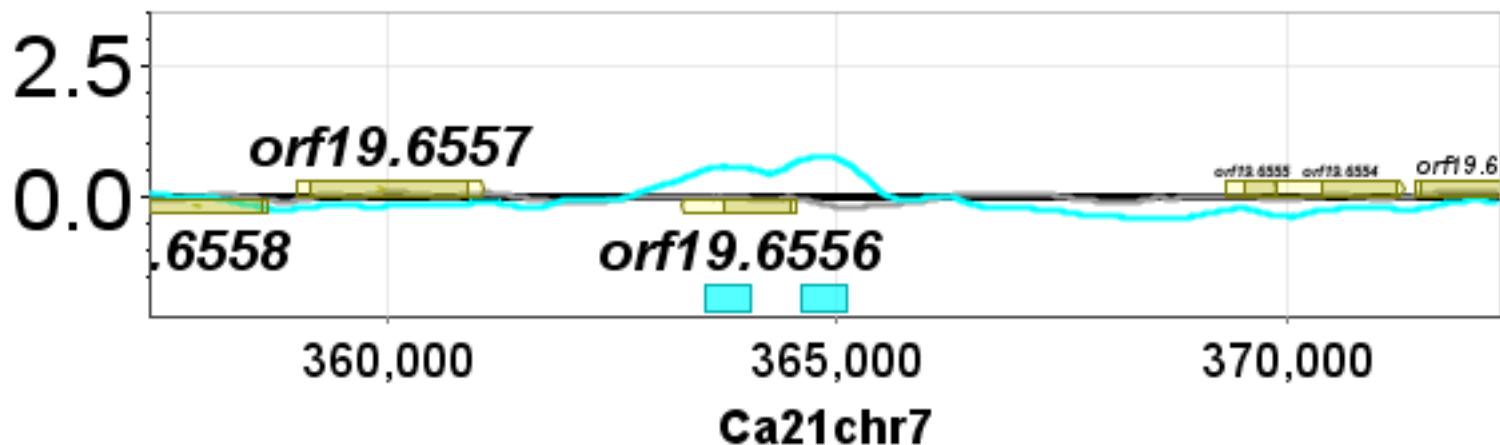
[0.764] Ca21chr2:2182057-2197056 [+] [RPS4A, orf19.5342, orf19.5340, orf19.5339, GAL4]



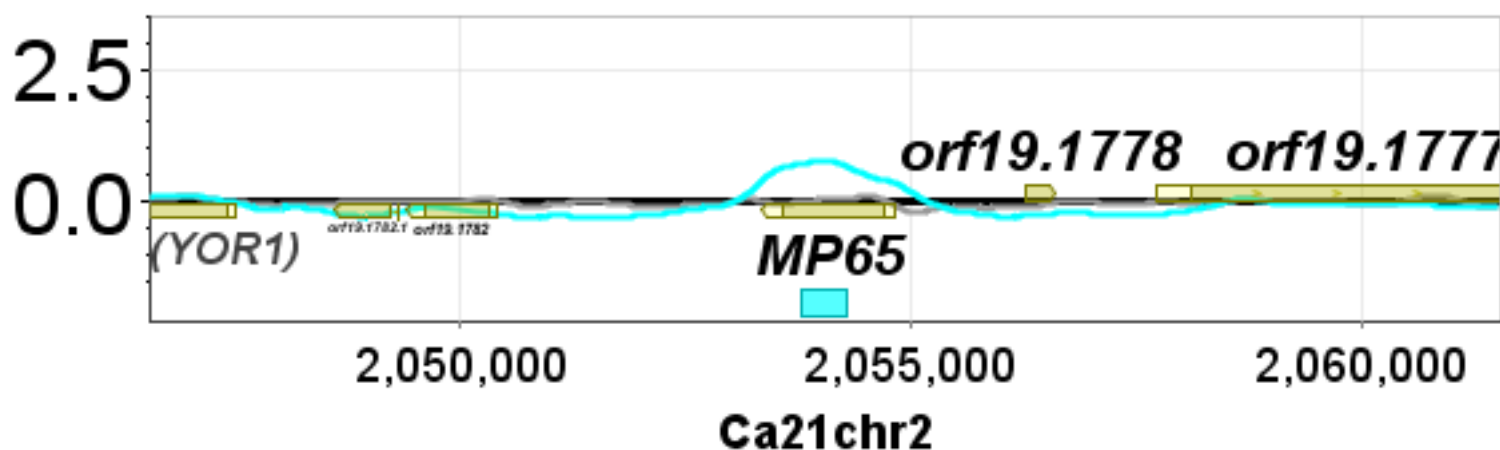
[0.762] Ca21chr2:1138037-1153036 [+] [ts(aga)4, orf19.6873.1, RPS8A, orf19.6874, ntar_395]



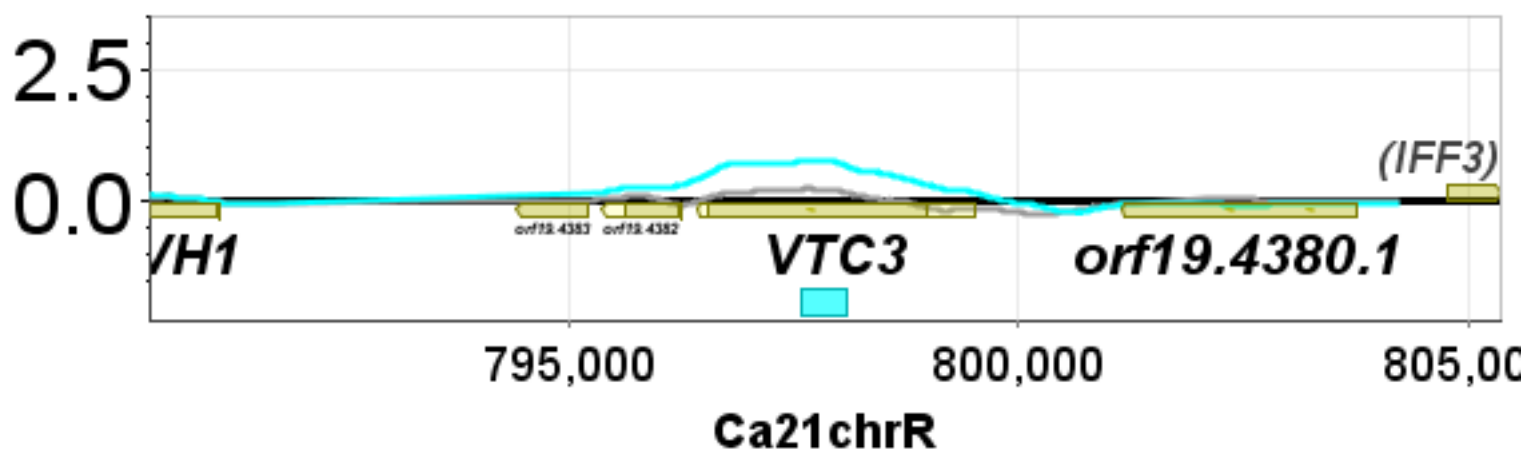
[0.756] Ca21chr7:357360-372359 [+] [orf19.6556, ntar_1094, ntar_1093, orf19.6555, orf19.6554]



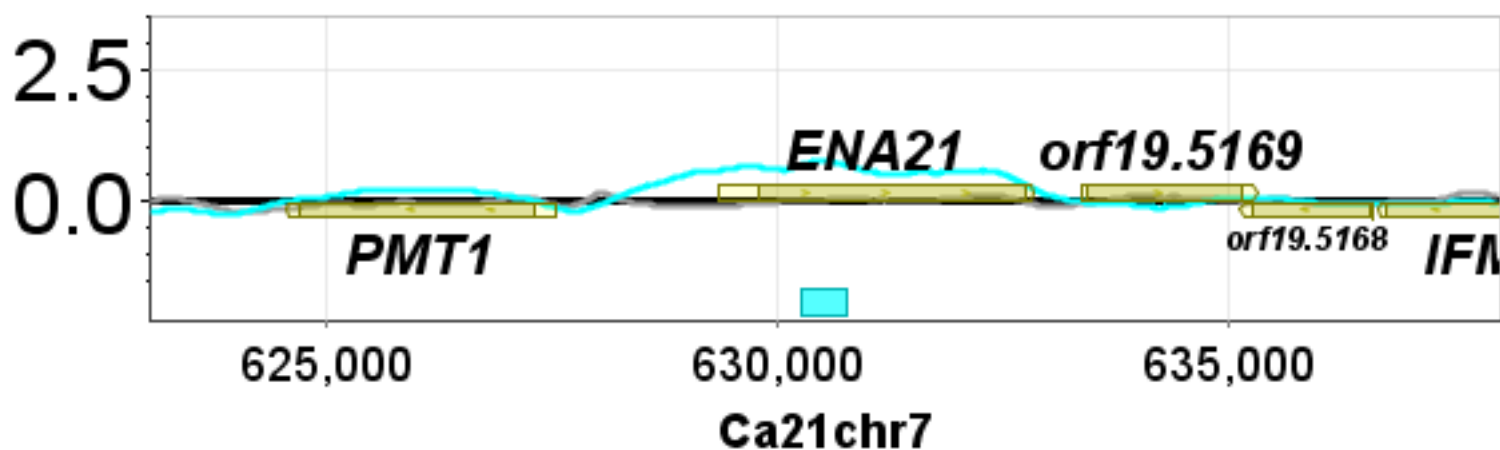
[0.752] Ca21chr2:2046538-2061537 [+] [MP65, orf19.1780, orf19.1778, orf19.1782, orf19.1777]



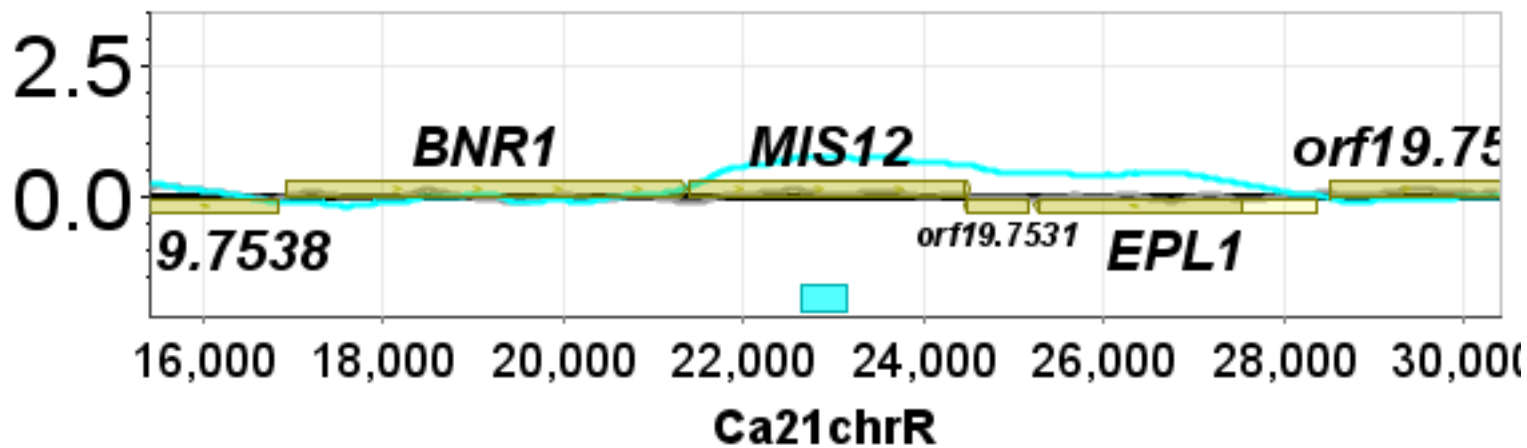
[0.752] Ca21chrR:790346-805345 [+] [orf19.4382, VTC3, ntar_1247, orf19.4383, ntar_1248]



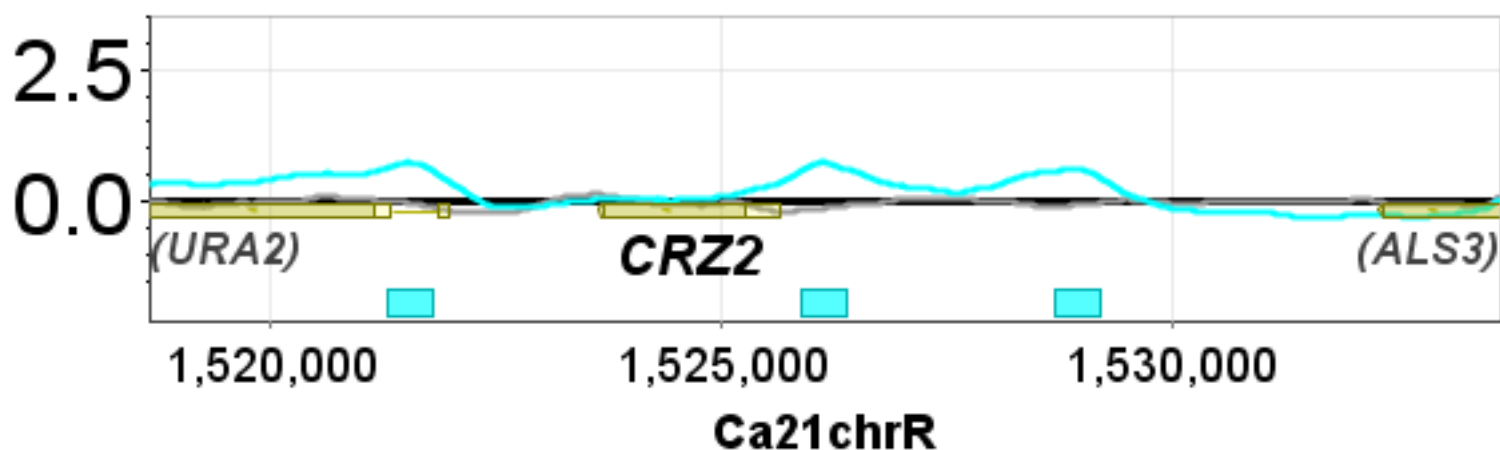
[0.745] Ca21chr7:623023-638022 [+] [ENA21, orf19.5169, PMT1, orf19.5168, LIP9]



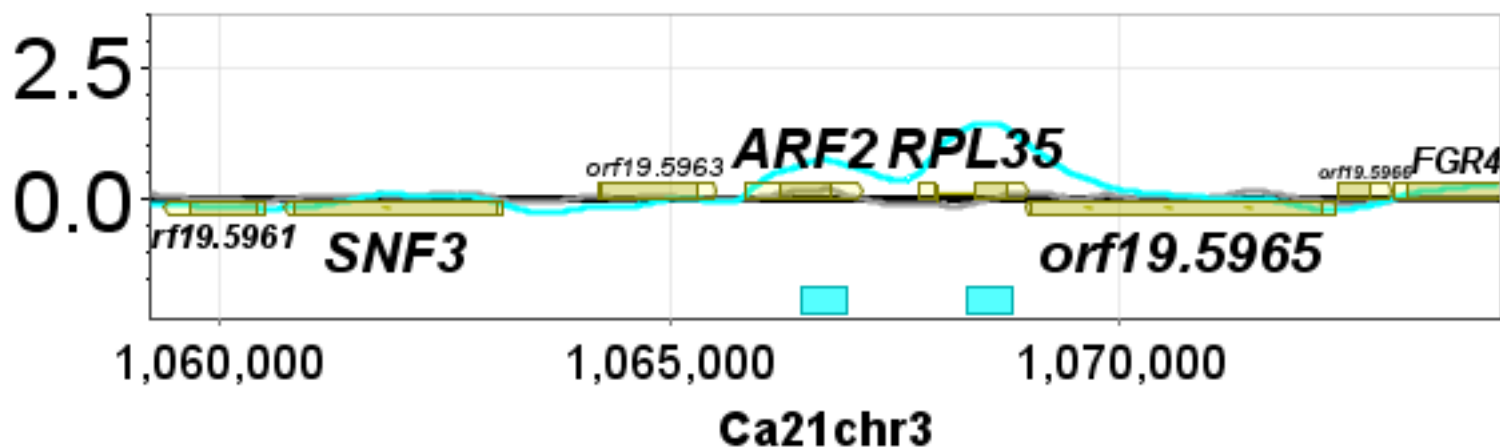
[0.744] Ca21chrR:15394-30393 [+] [MIS12, orf19.7531, EPL1, orf19.7527, BNR1]



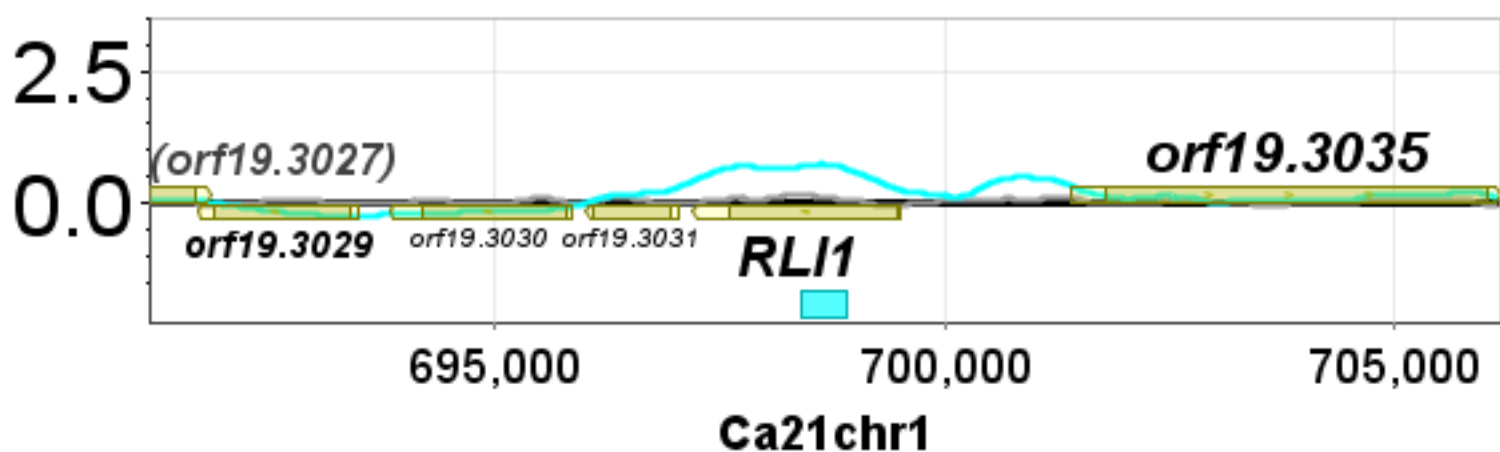
[0.741] Ca21chrR:1518638-1533637 [+] [CRZ2, ntar_1331, URA2, ALS3]



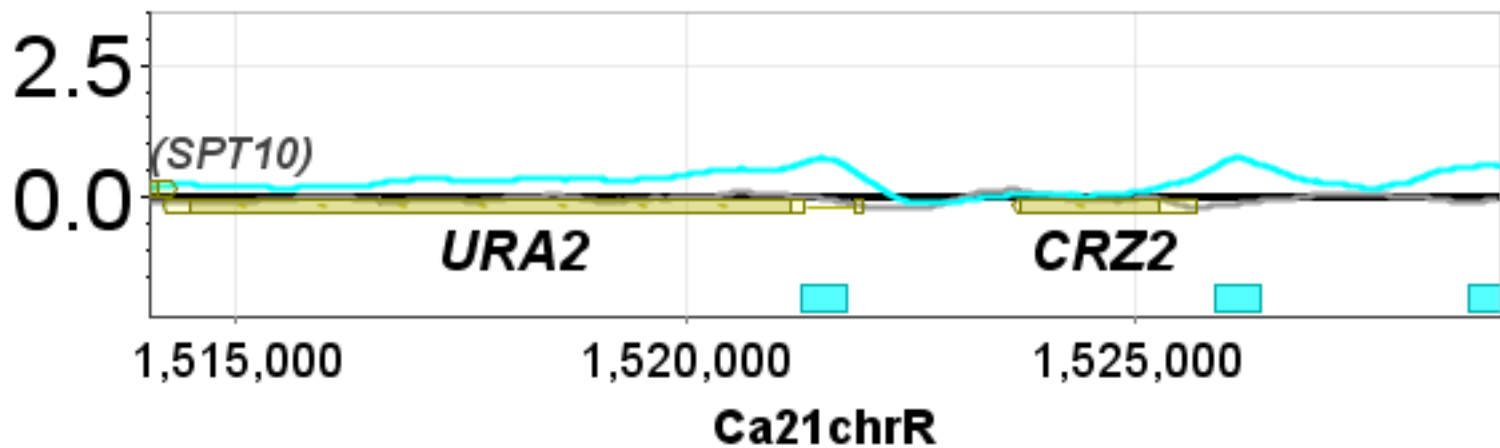
[0.738] Ca21chr3:1059219-1074218 [+] [ARF2, ntar_609, RPL35, orf19.5963, SNF3]



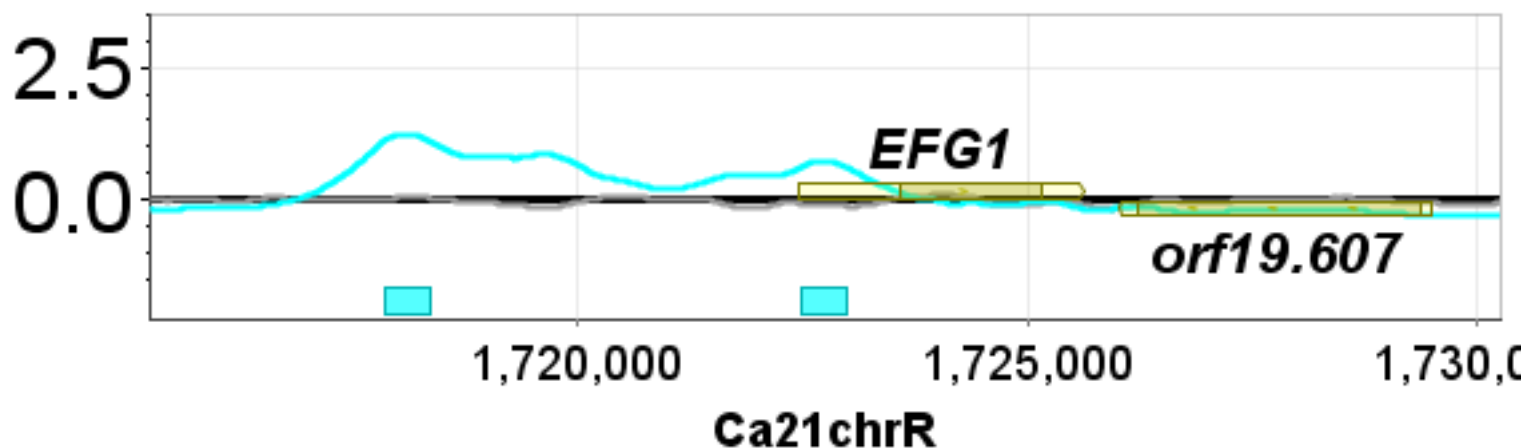
[0.735] Ca21chr1:691165-706164 [+] [RLI1, orf19.3031, ntar_72, orf19.3035, orf19.3030]



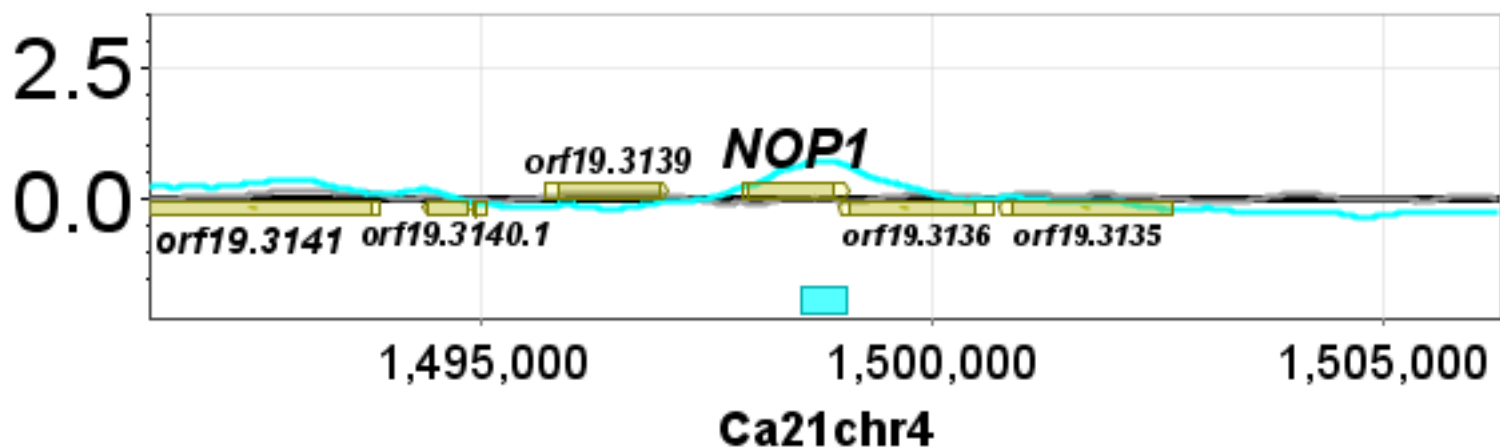
[0.734] Ca21chrR:1514034-1529033 [+] [URA2, CRZ2, SPT10]



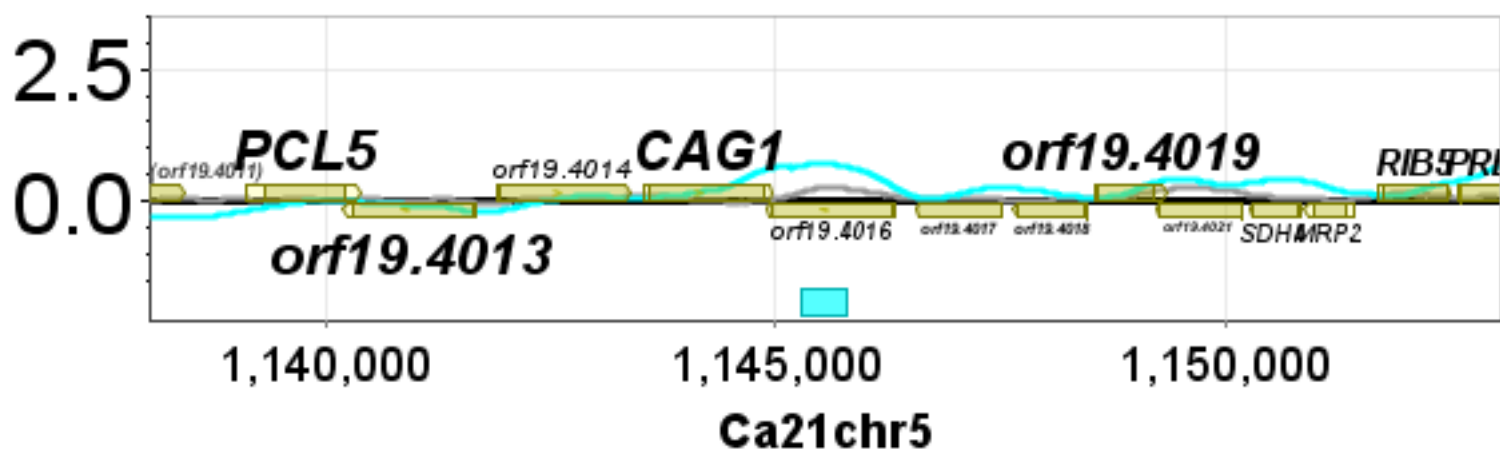
[0.724] Ca21chrR:1715245-1730244 [+] [EFG1, orf19.609, ntar_1352, ntar_1353, ntar_1351]



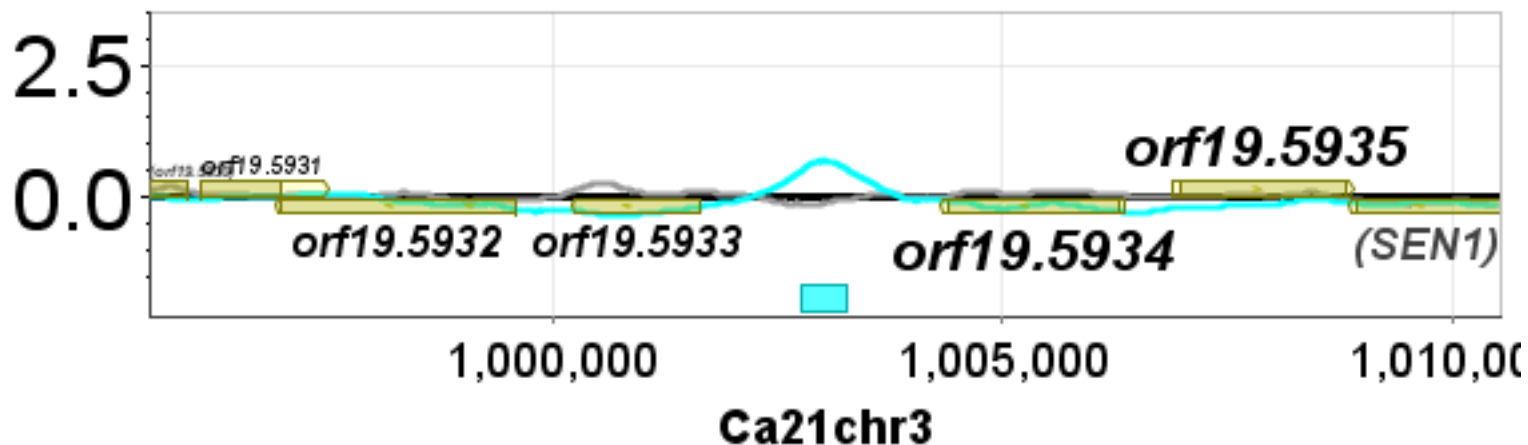
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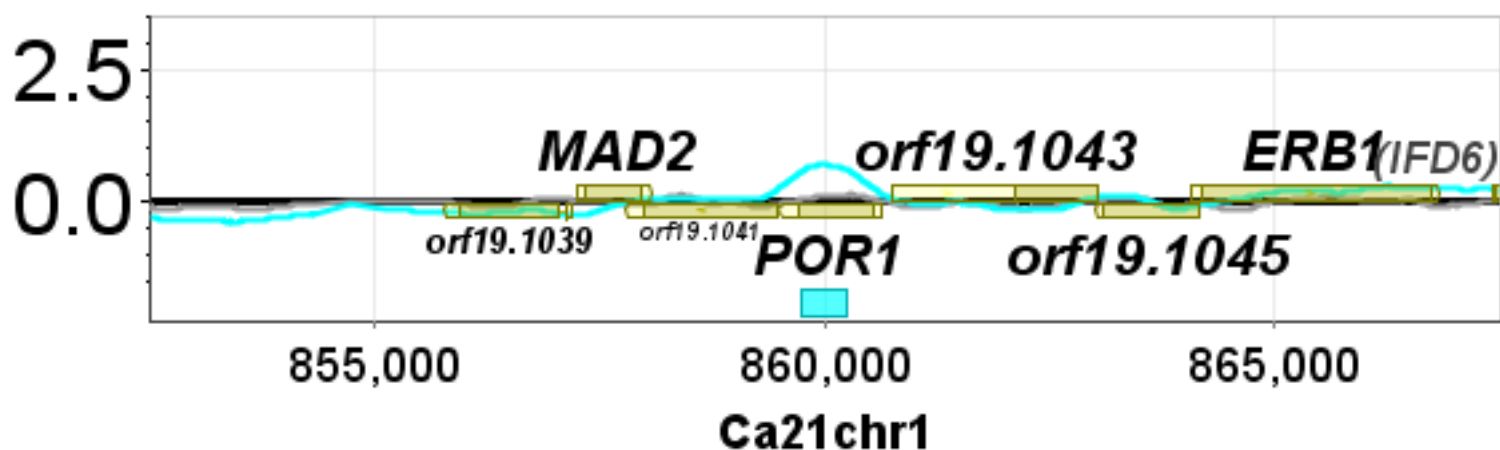
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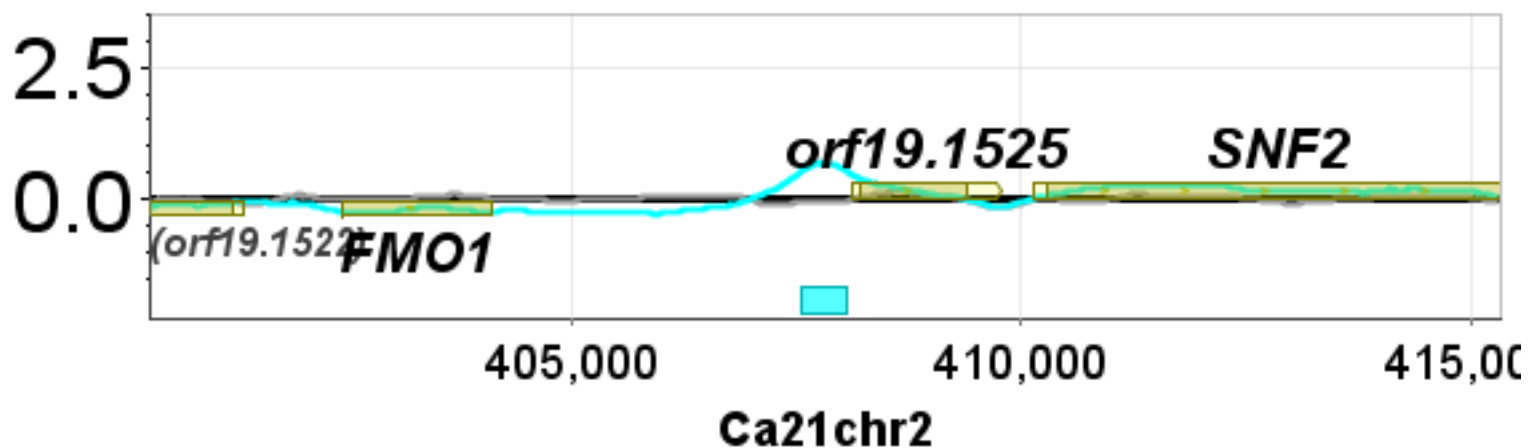
[0.692] Ca21chr3:995516-1010515 [+] [orf19.5933, orf19.5934, orf19.5932, orf19.5935, orf19.5931]



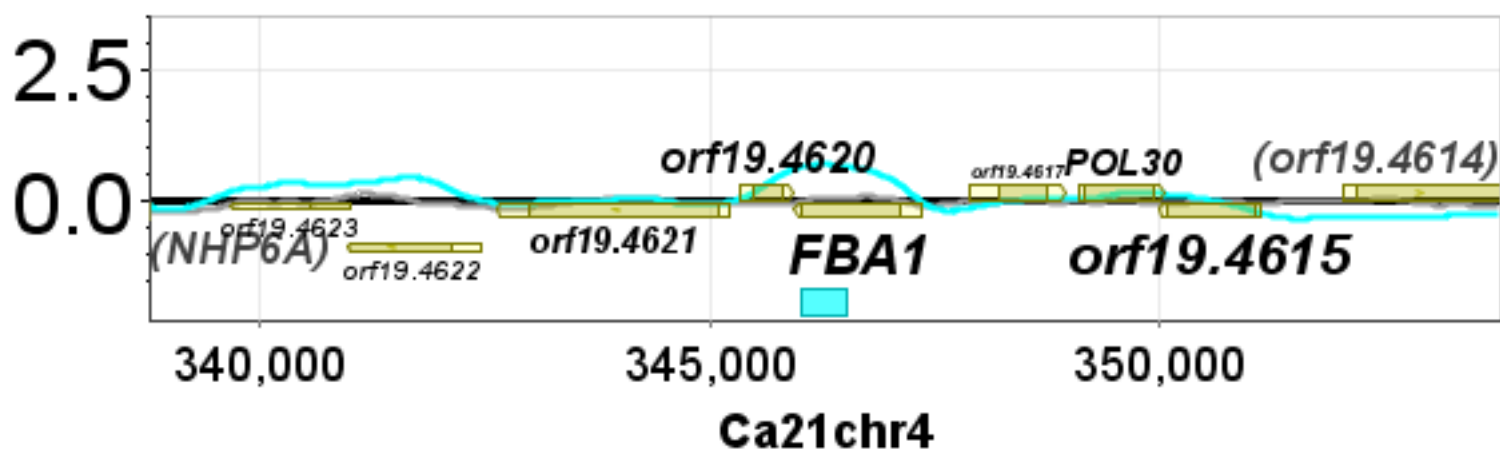
[0.69] Ca21chr1:852492-867491 [+] [orf19.1041, POR1, orf19.1043, ntar_83, ntar_84]



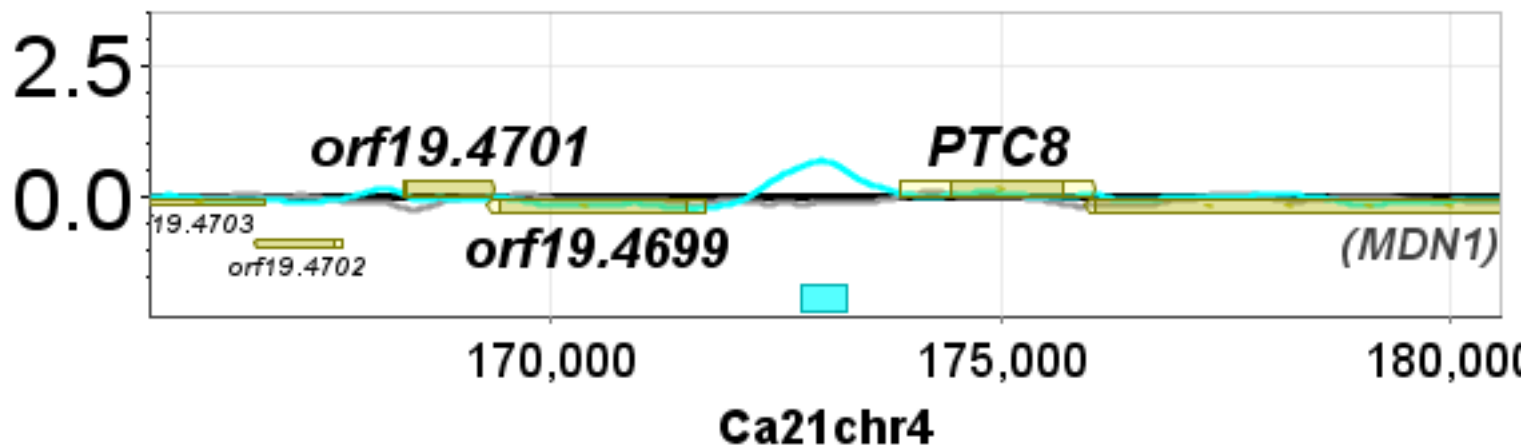
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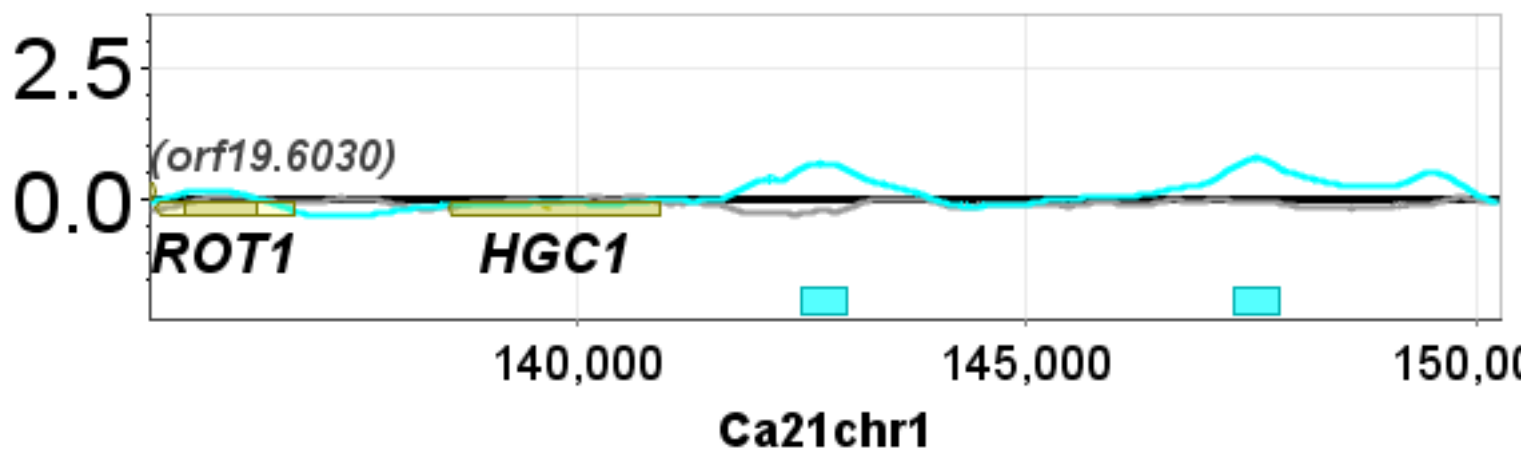
[0.685] Ca21chr4:338766-353765 [+] [orf19.4620, orf19.4621, FBA1, orf19.4617, POL30]



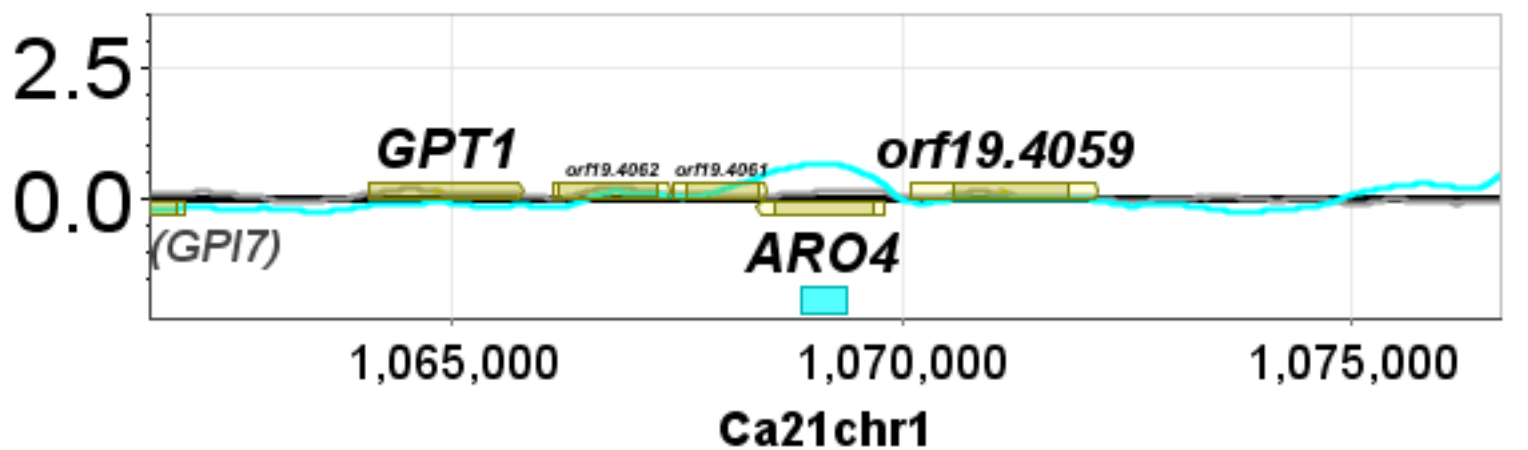
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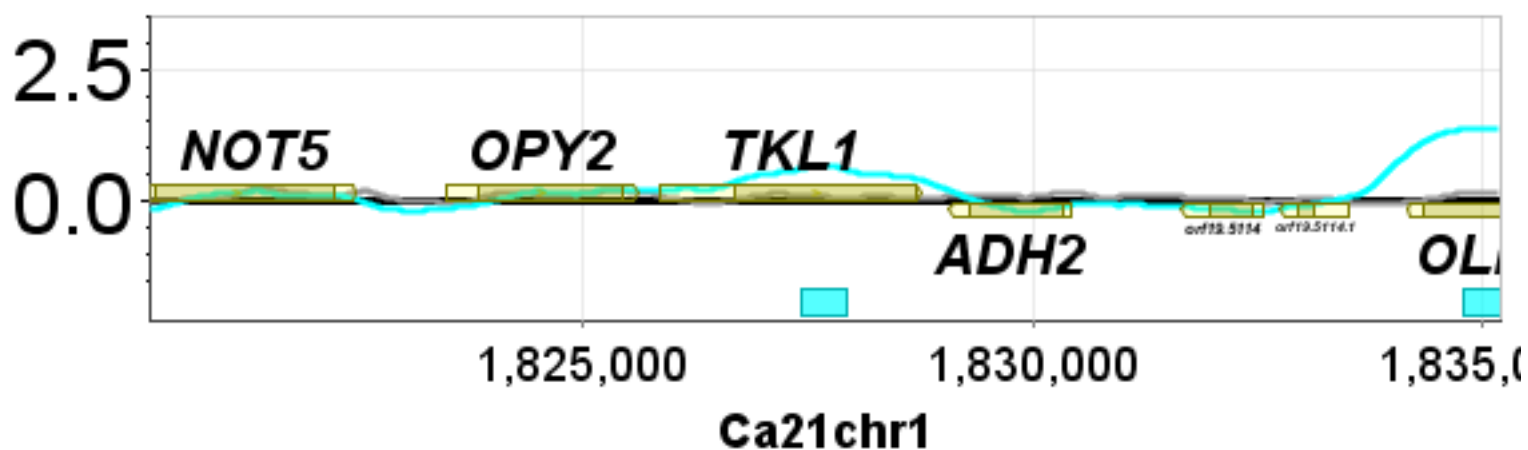
[0.683] Ca21chr1:135253-150252 [+] [HGC1, ntar_15, ntar_14, ntar_16, ROT1]



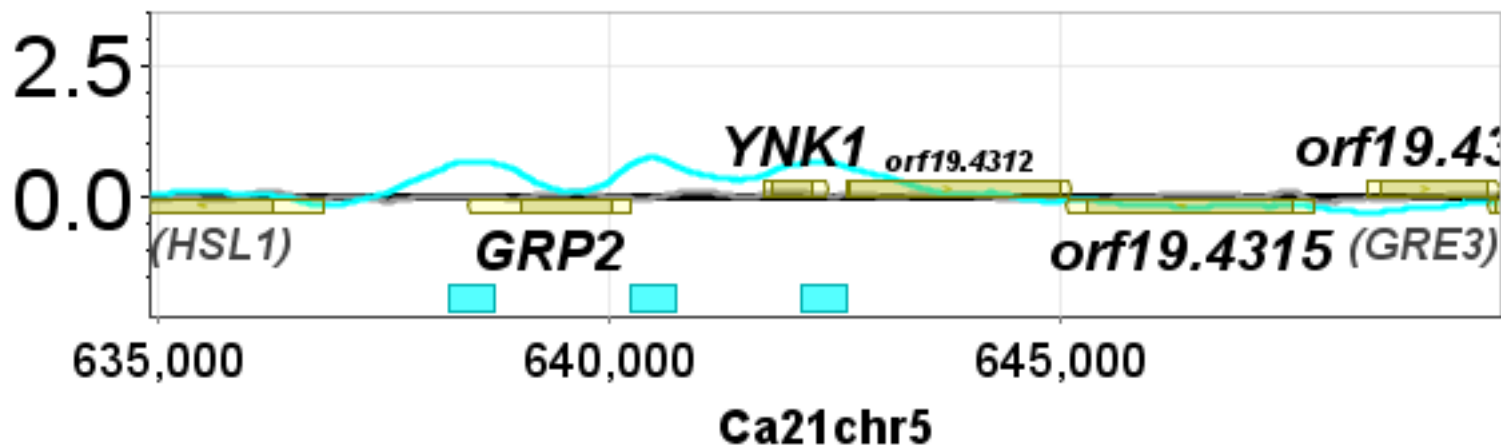
[0.681] Ca21chr1:1061633-1076632 [+] [ARO4, orf19.4059, orf19.4061, orf19.4062, orf19.4057]



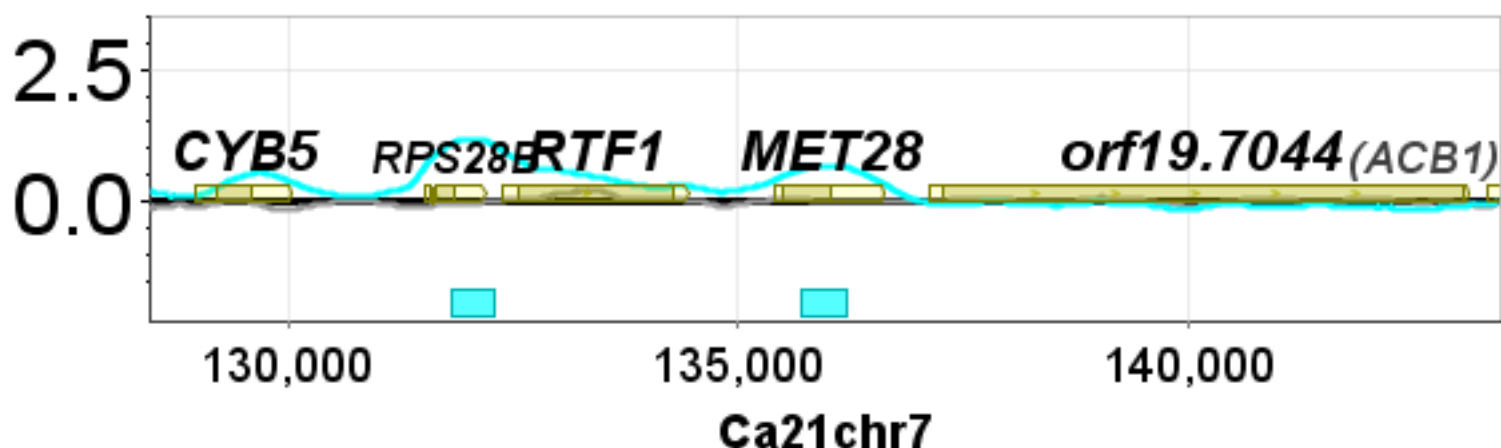
[0.673] Ca21chr1:1820186-1835185 [+] [TKL1, ADH2, OPY2, orf19.5114, orf19.5114.1]



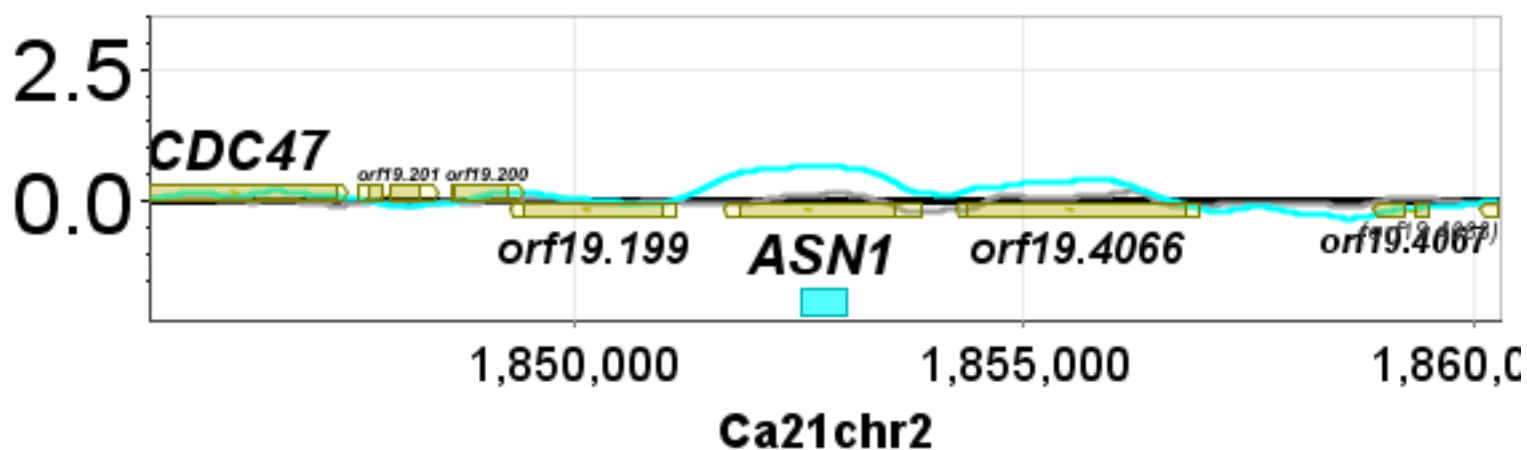
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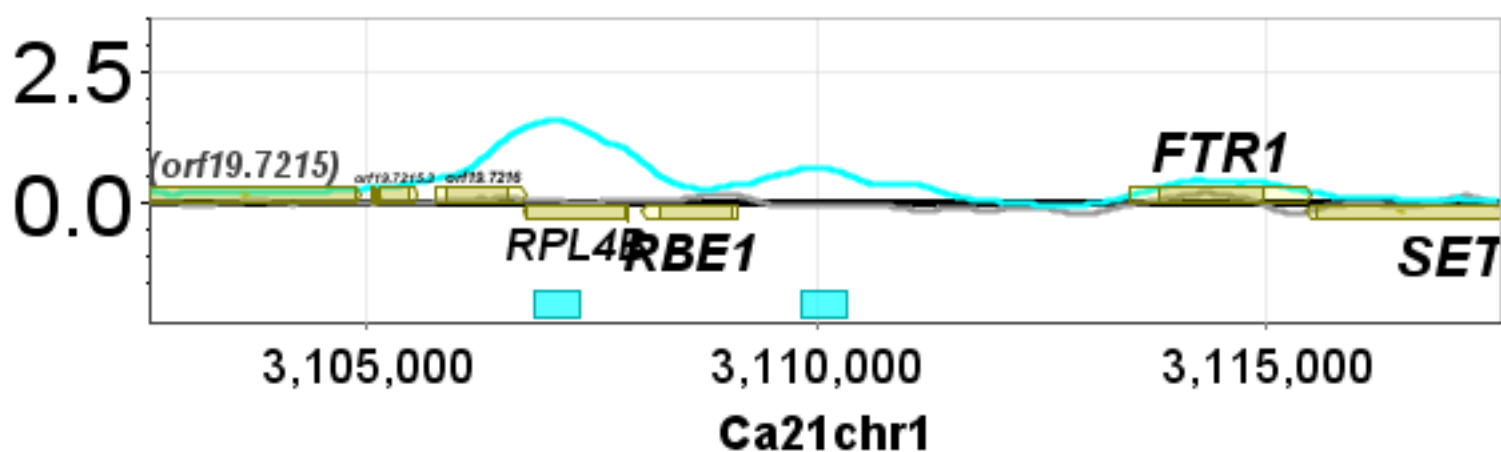
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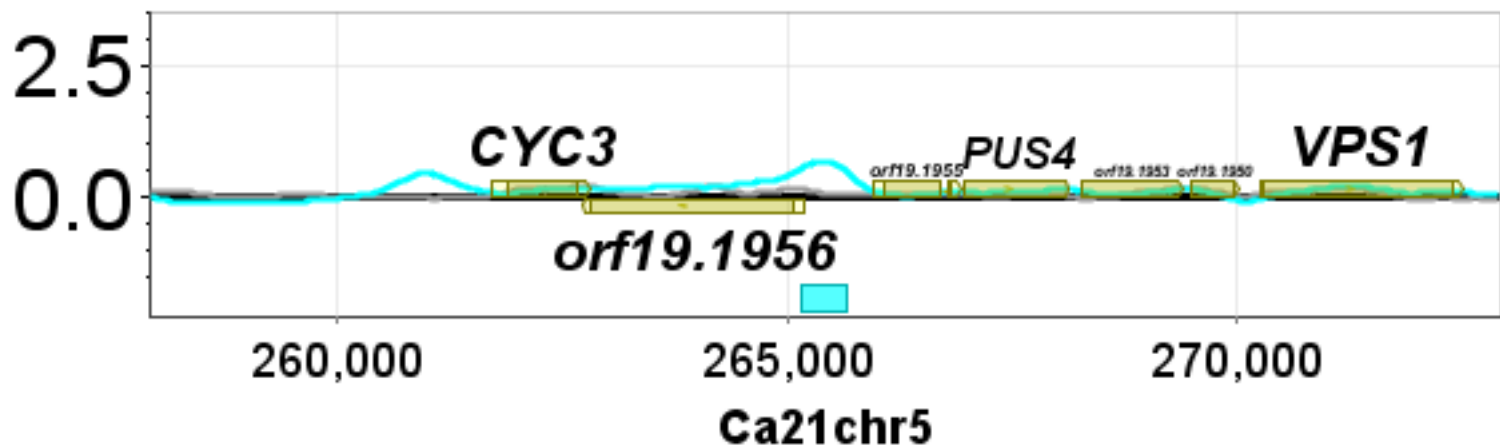
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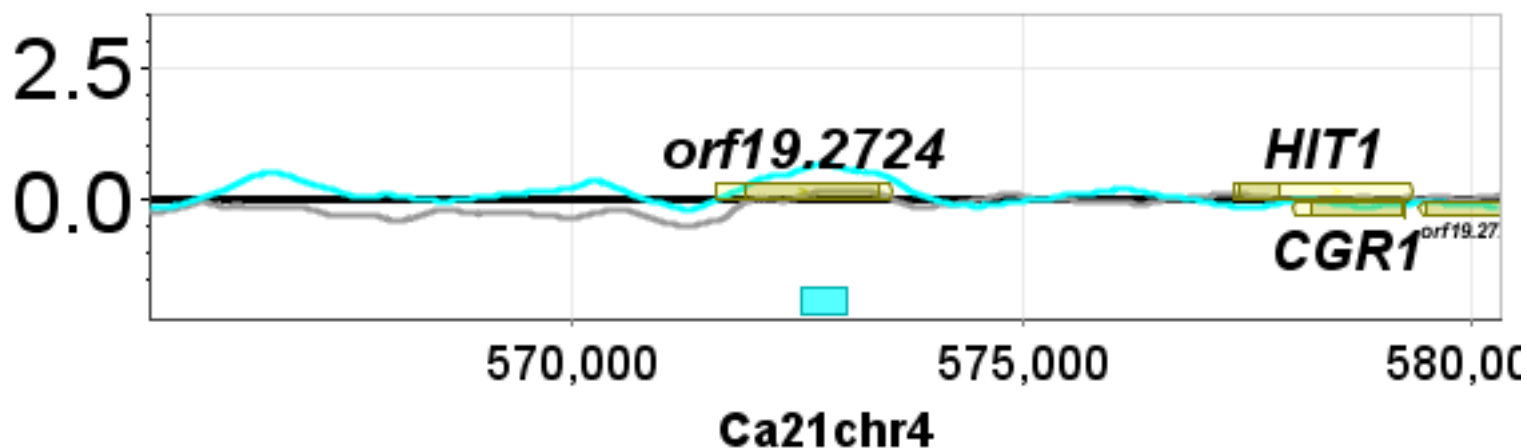
[0.666] Ca21chr1:3102580-3117579 [+] [RBE1, RPL4B, ntar_278, FTR1, orf19.7216]



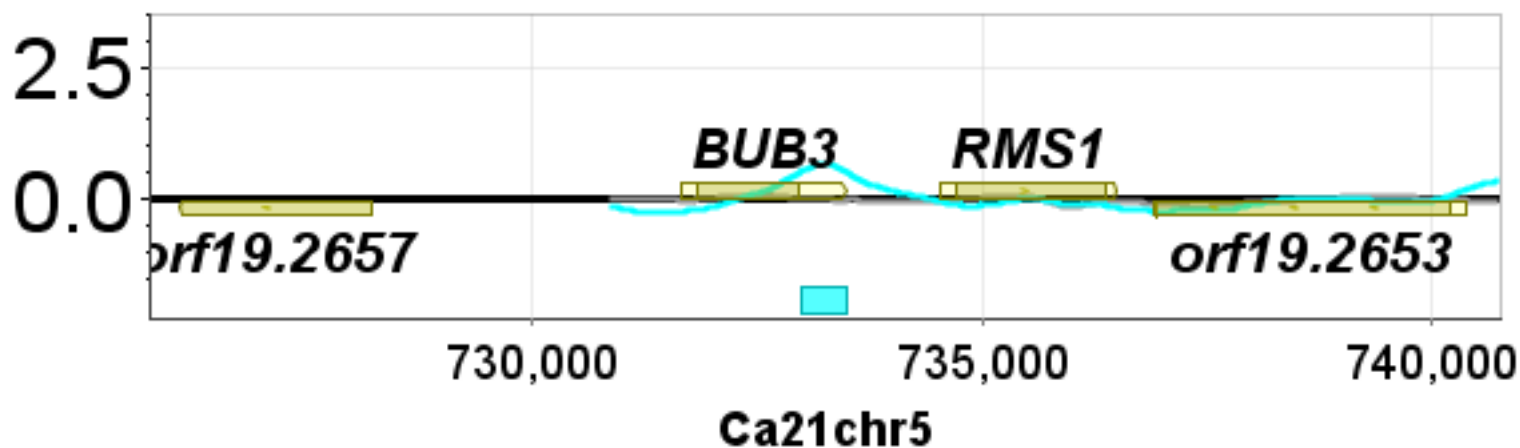
[0.665] Ca21chr5:257912-272911 [+] [orf19.1956, ntar_1424, orf19.1955, PUS4, orf19.1953]



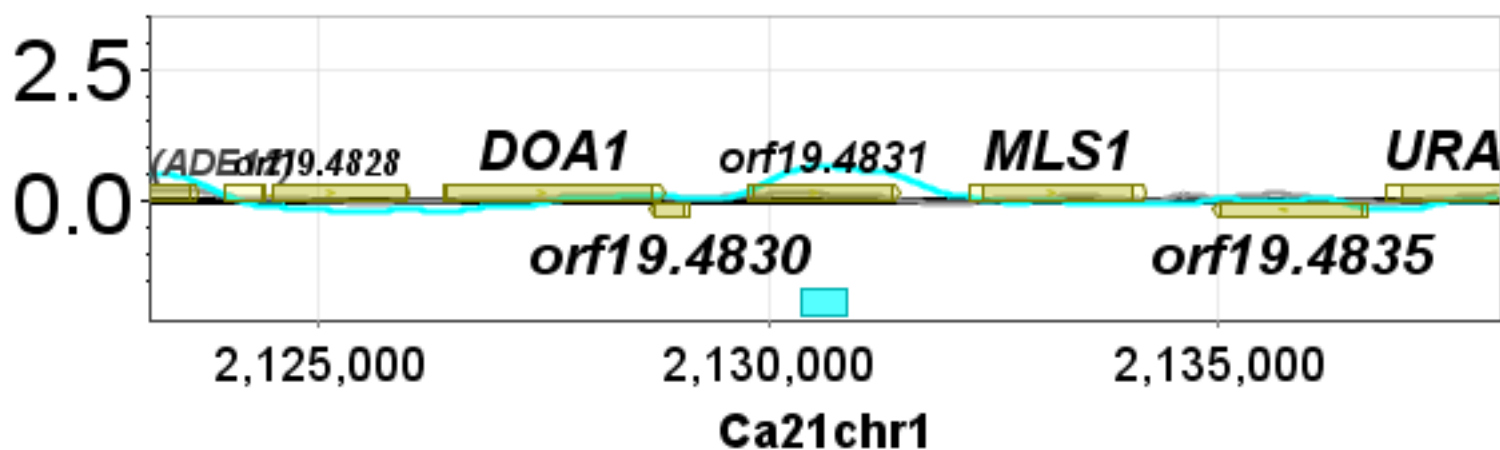
[0.662] Ca21chr4:565305-580304 [+] [orf19.2724, ntar_770, HIT1, orf19.2725, CGR1]

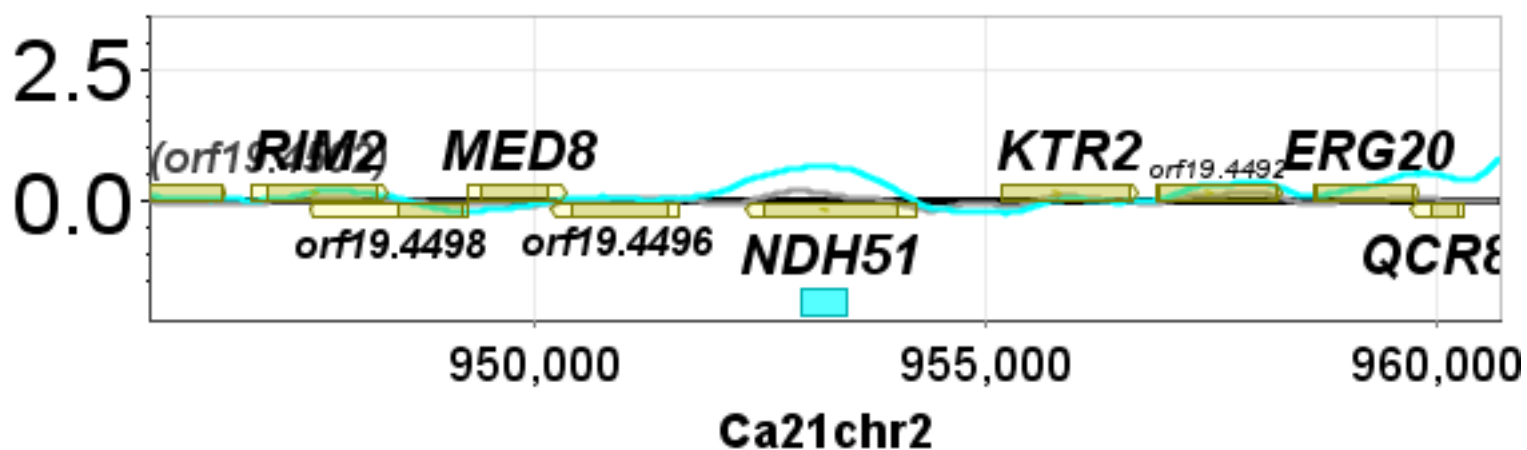
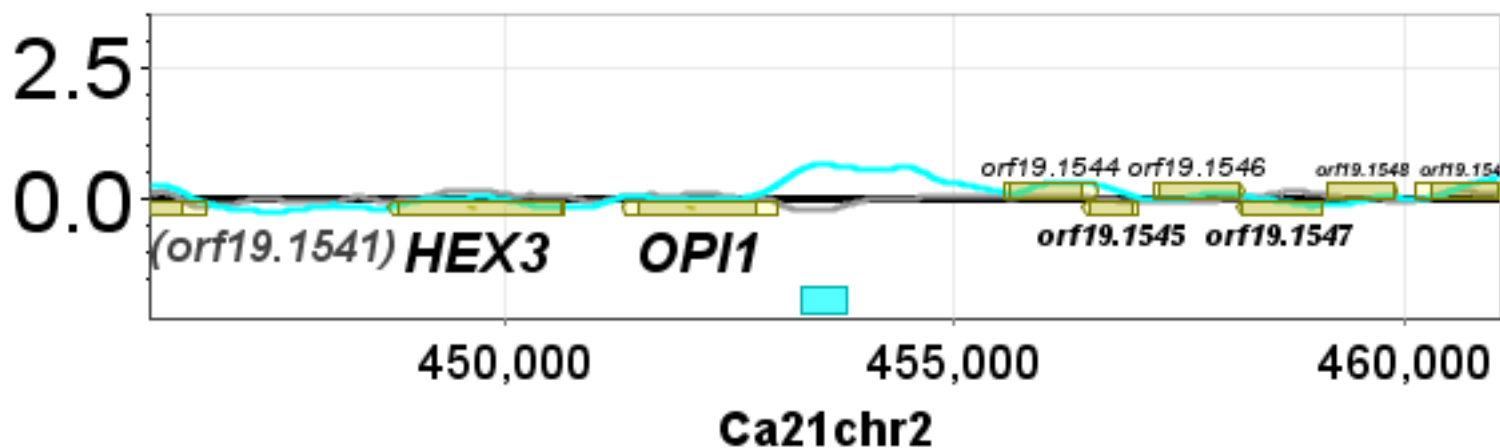
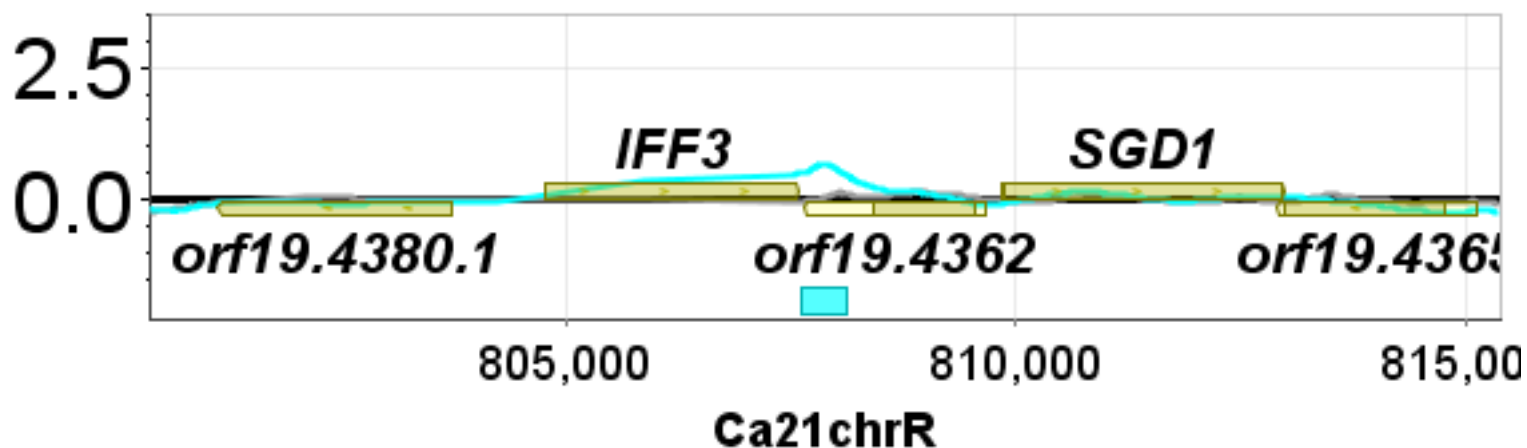
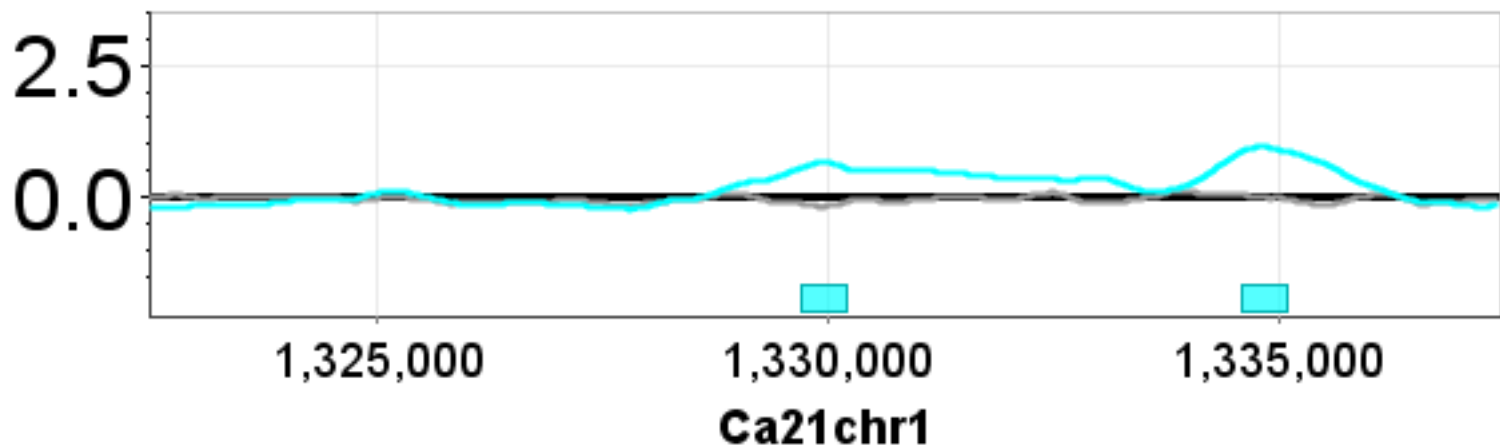


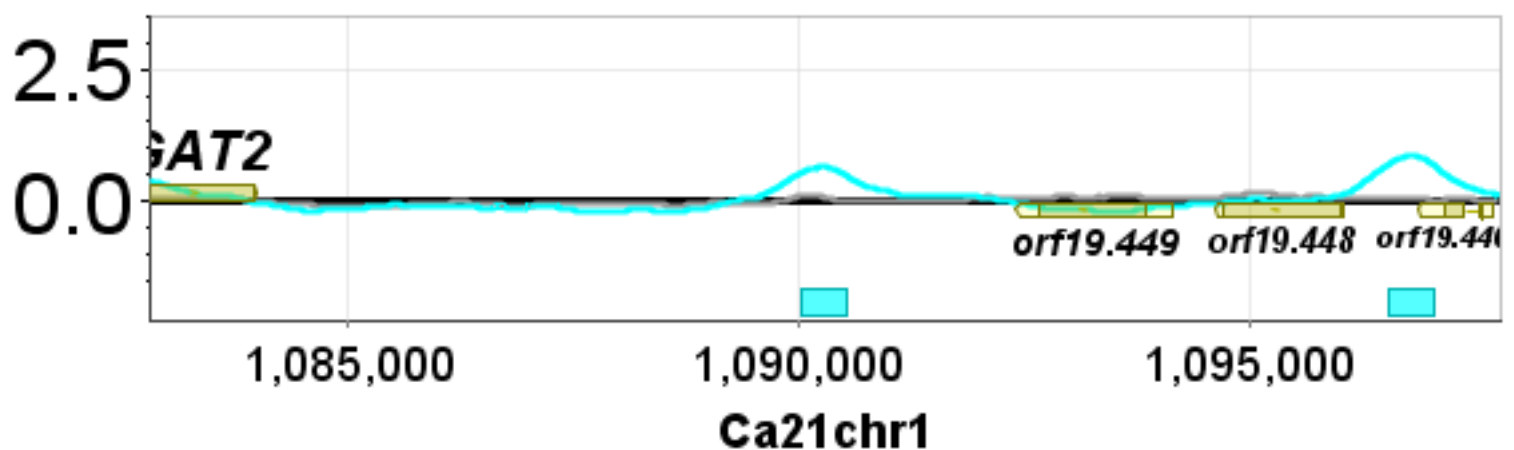
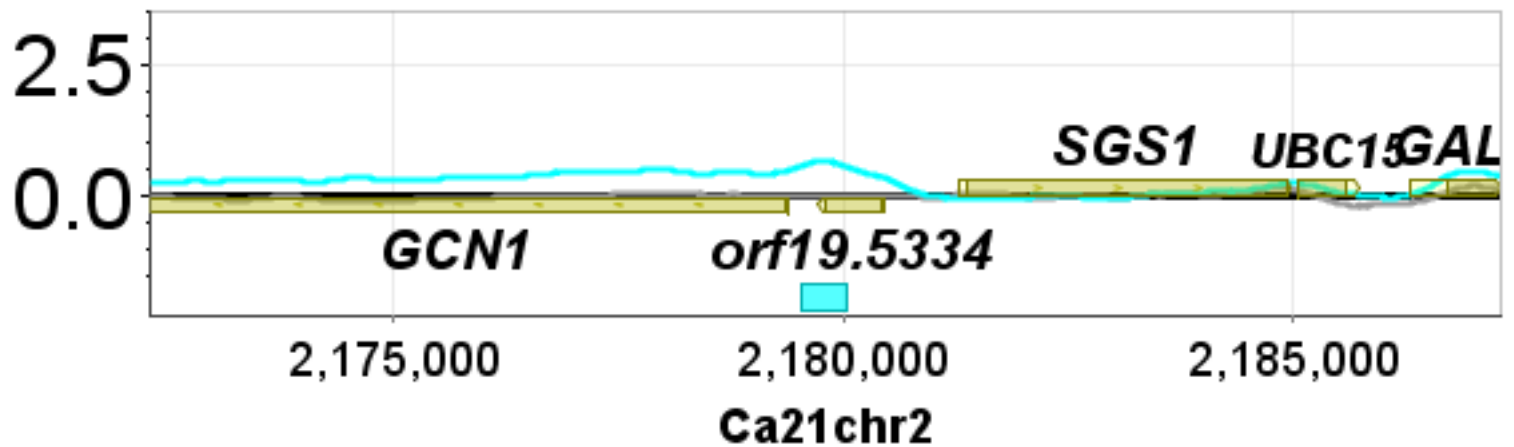
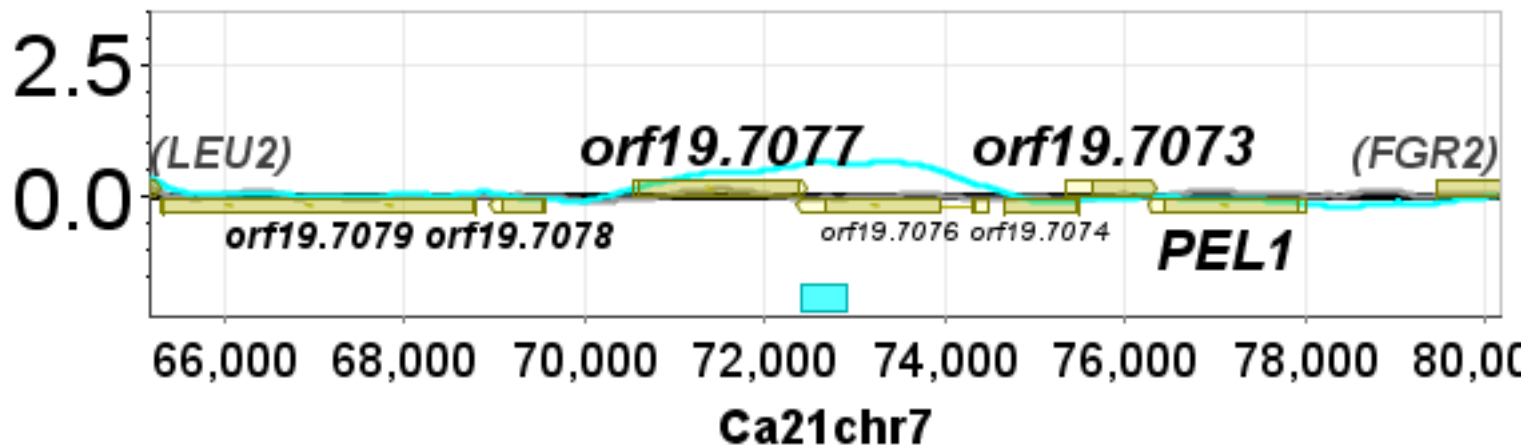
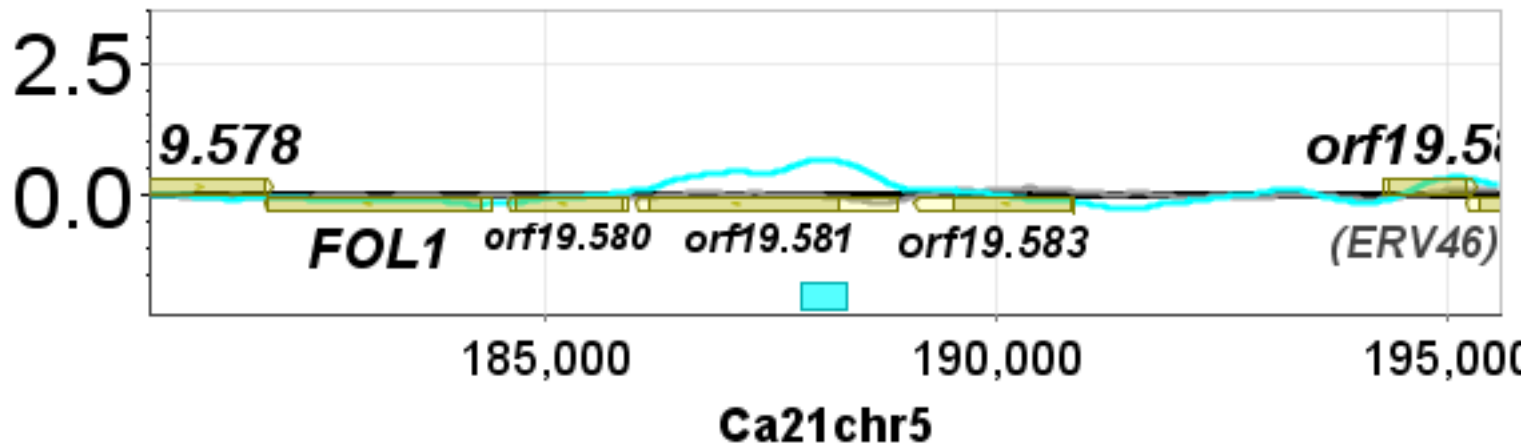
[0.662] Ca21chr5:725746-740745 [+] [RMS1, BUB3, orf19.2657, orf19.2653]



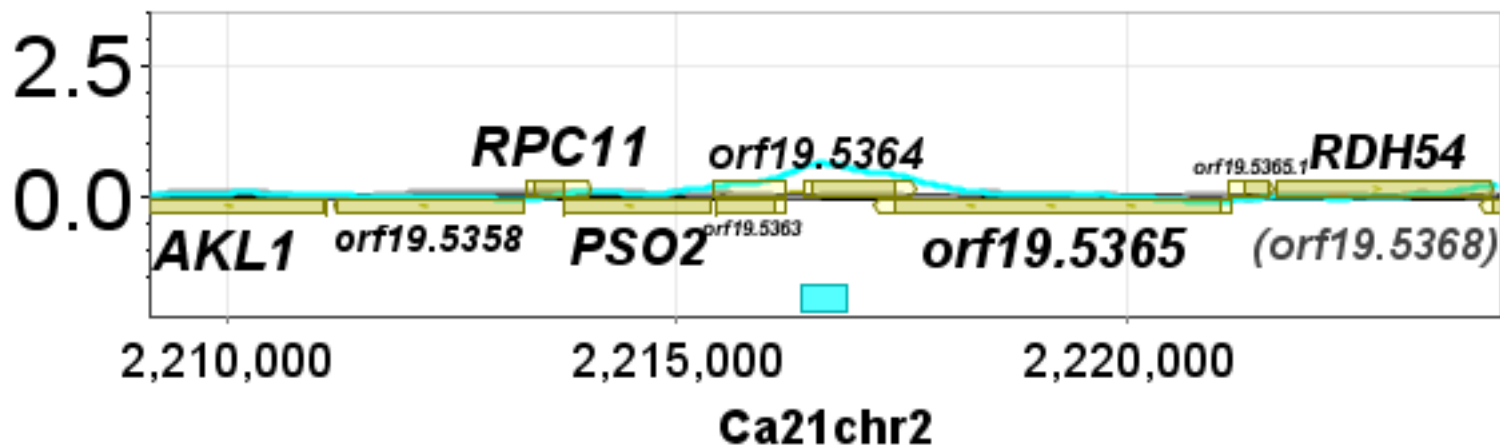
[0.661] Ca21chr1:2123117-2138116 [+] [orf19.4831, orf19.4830, MLS1, orf19.4834, DOA1]



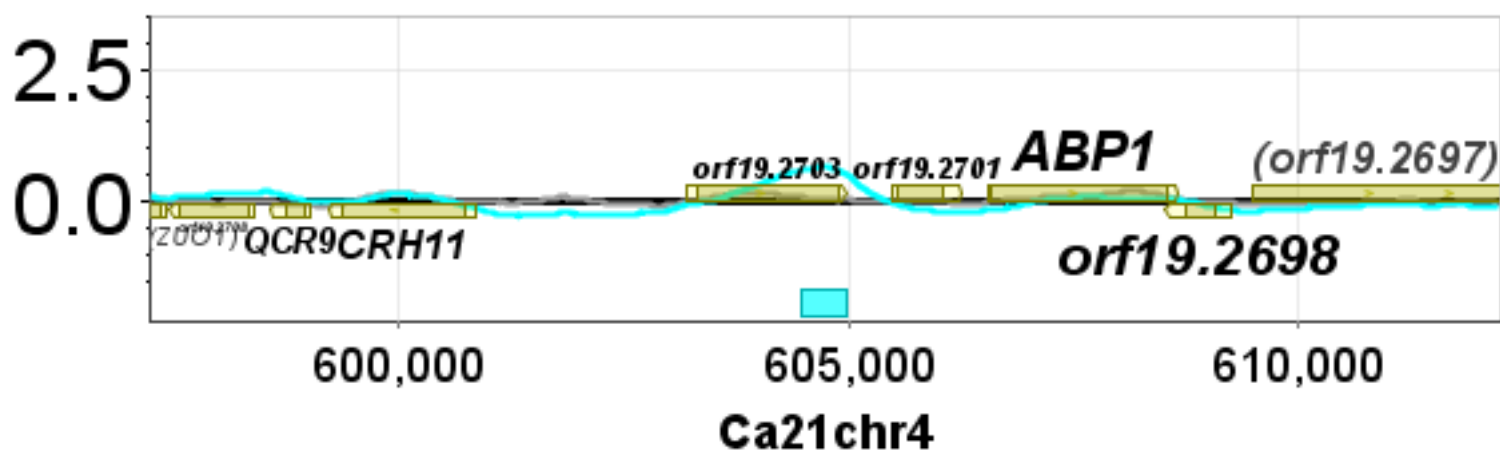




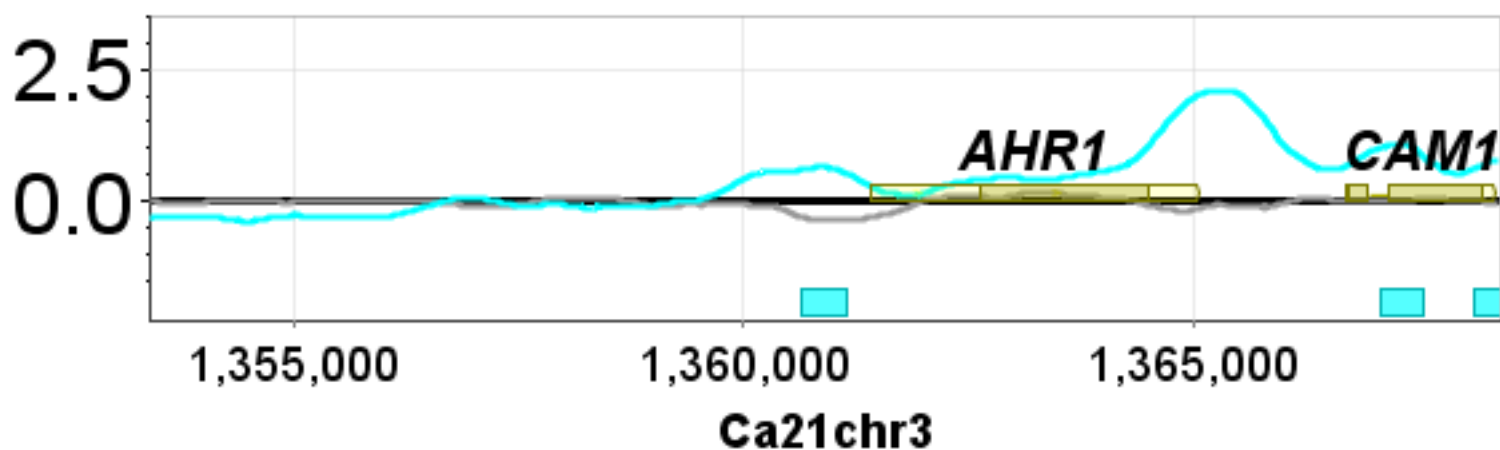
[0.642] Ca21chr2:2209135-2224134 [+] [orf19.5363, orf19.5364, PSO2, RPC11, orf19.5358]



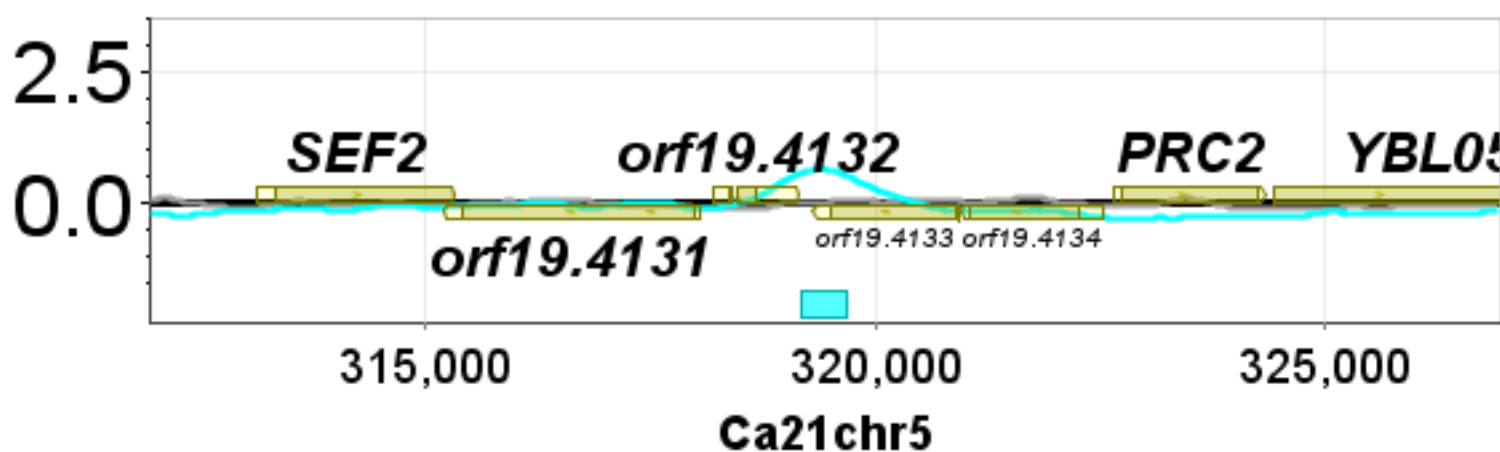
[0.642] Ca21chr4:597229-612228 [+] [Intar_772, orf19.2701, orf19.2703, ABP1, orf19.2704]

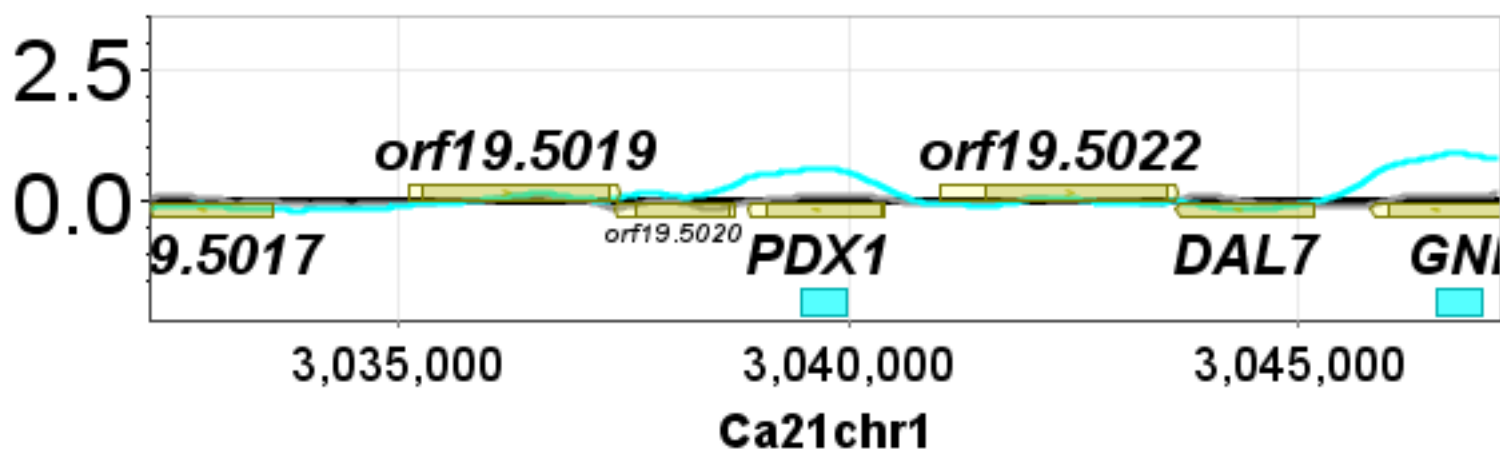
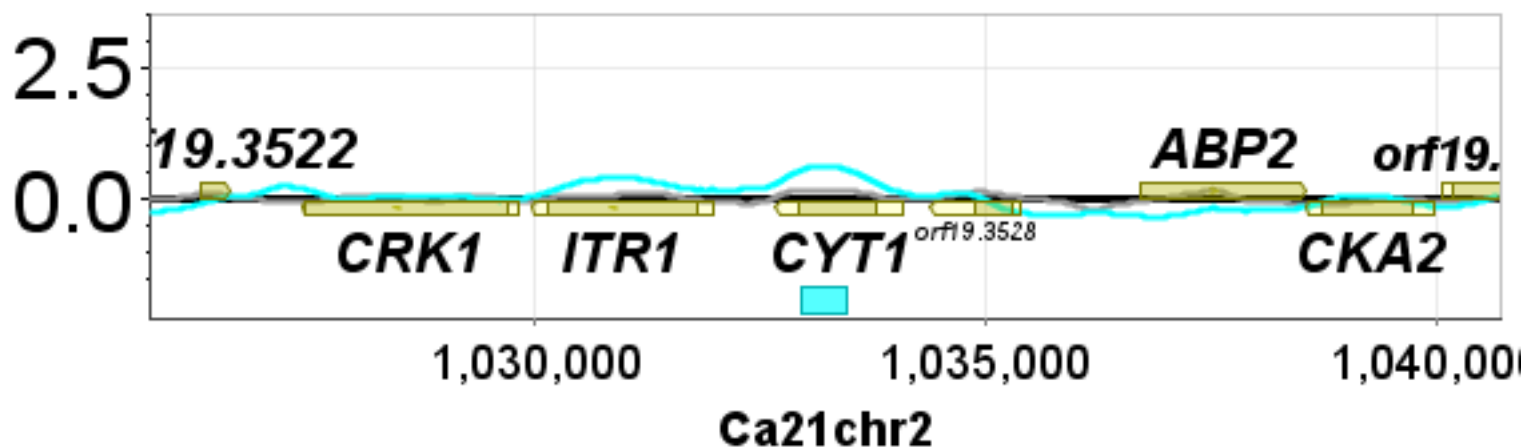
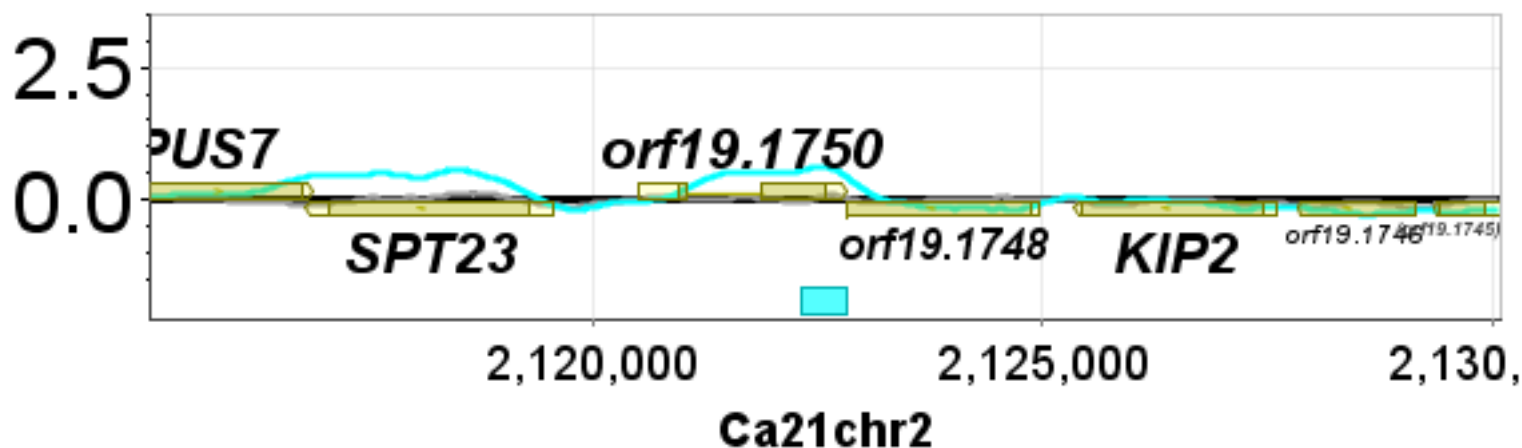
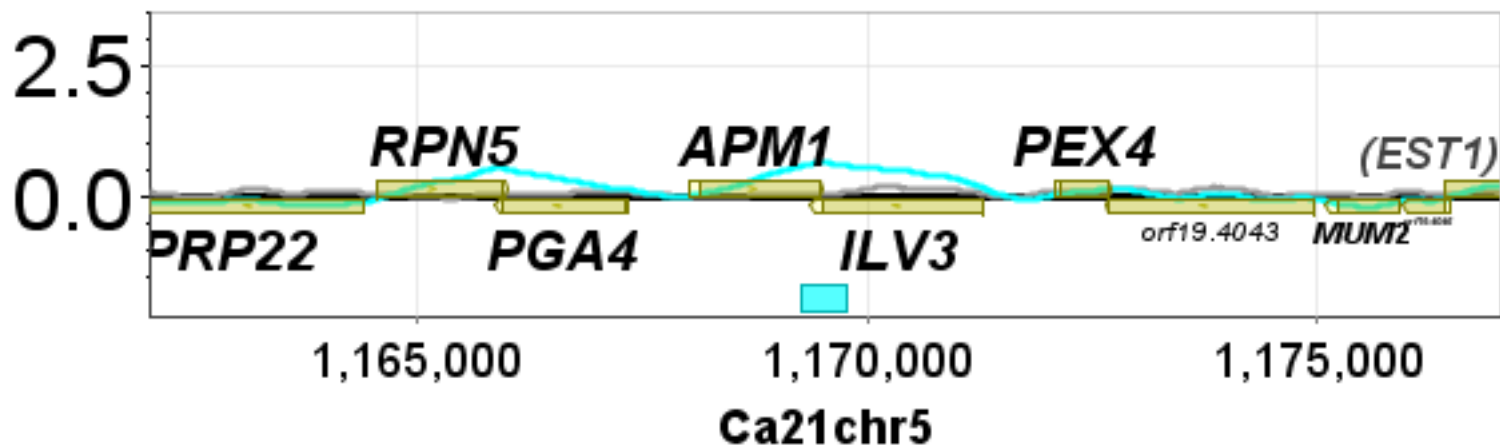


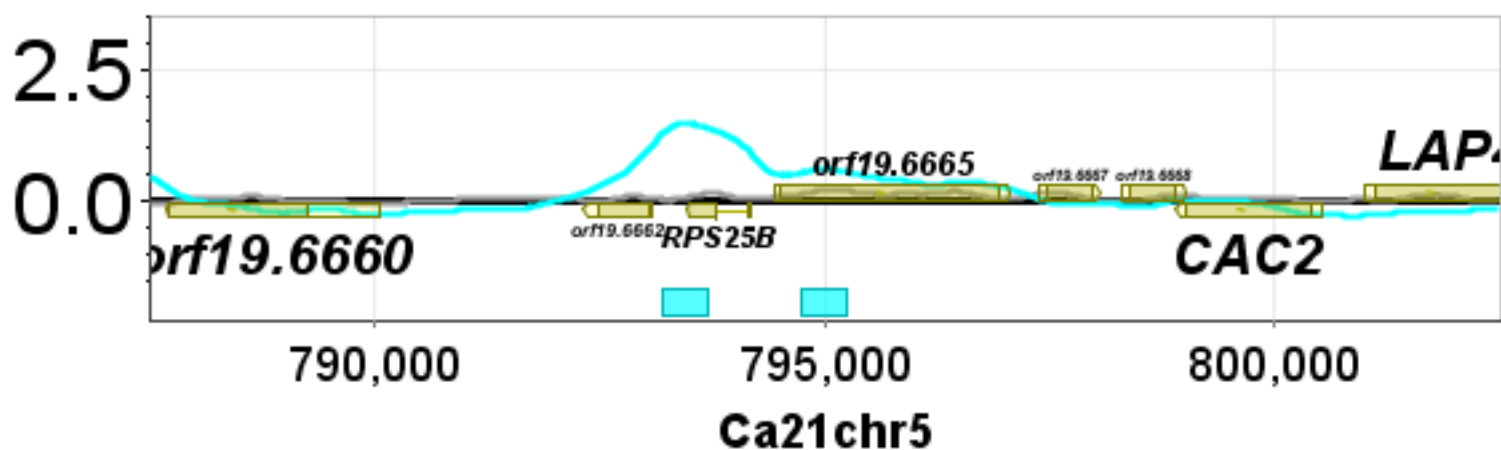
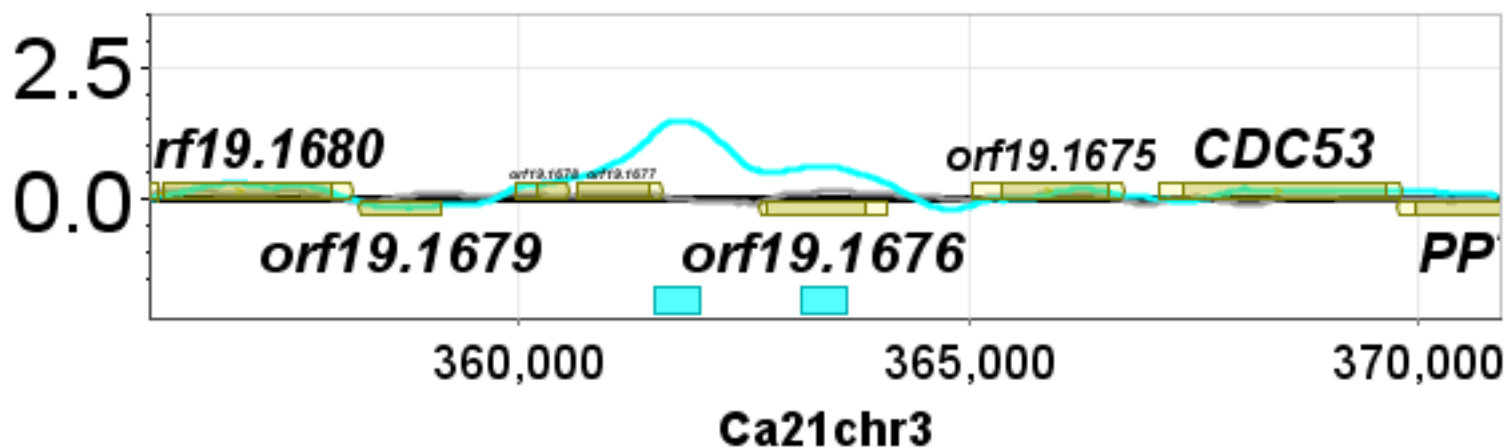
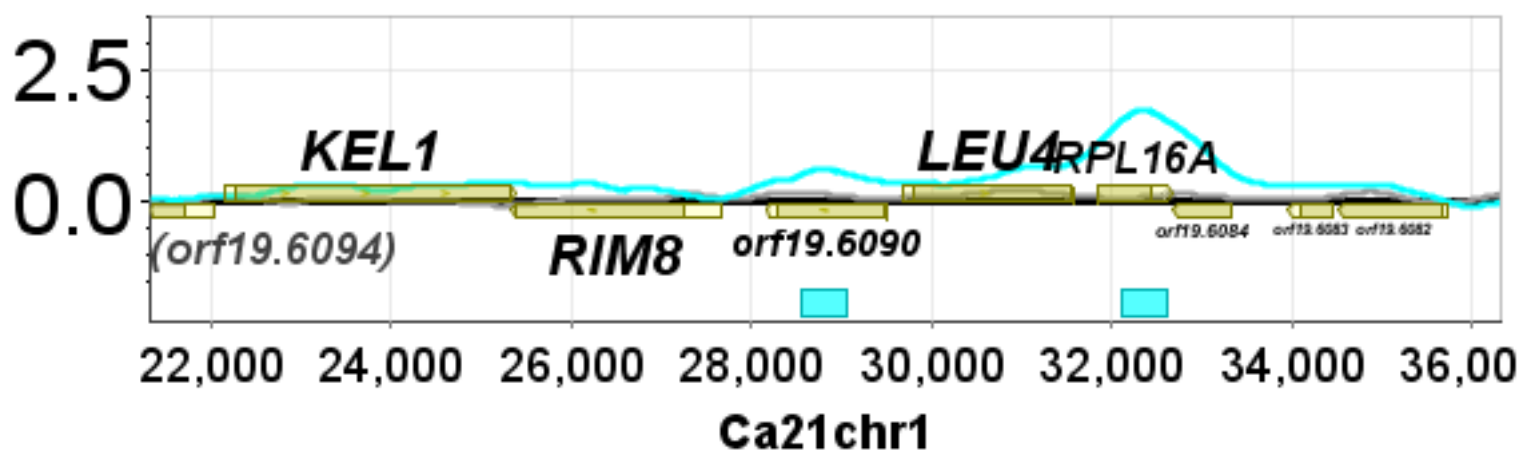
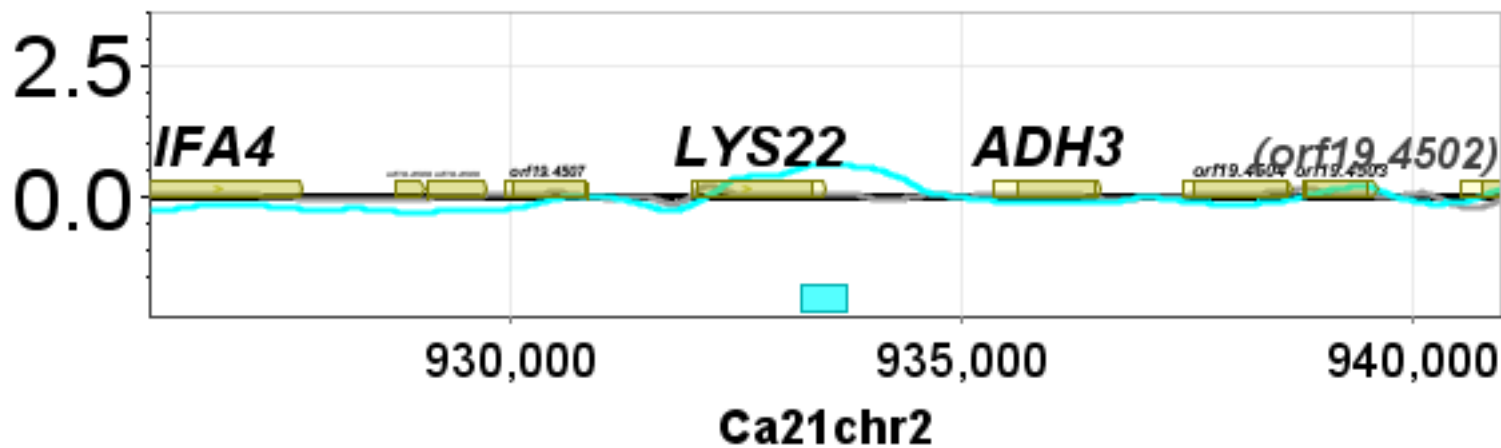
[0.641] Ca21chr3:1353395-1368394 [+] [orf19.7381, CAM1]

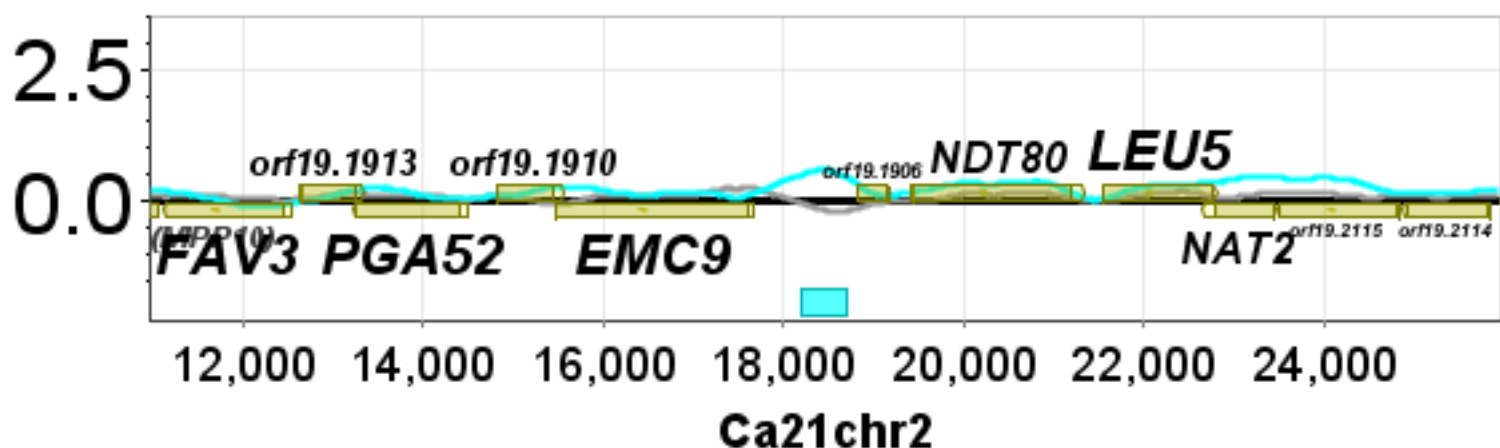
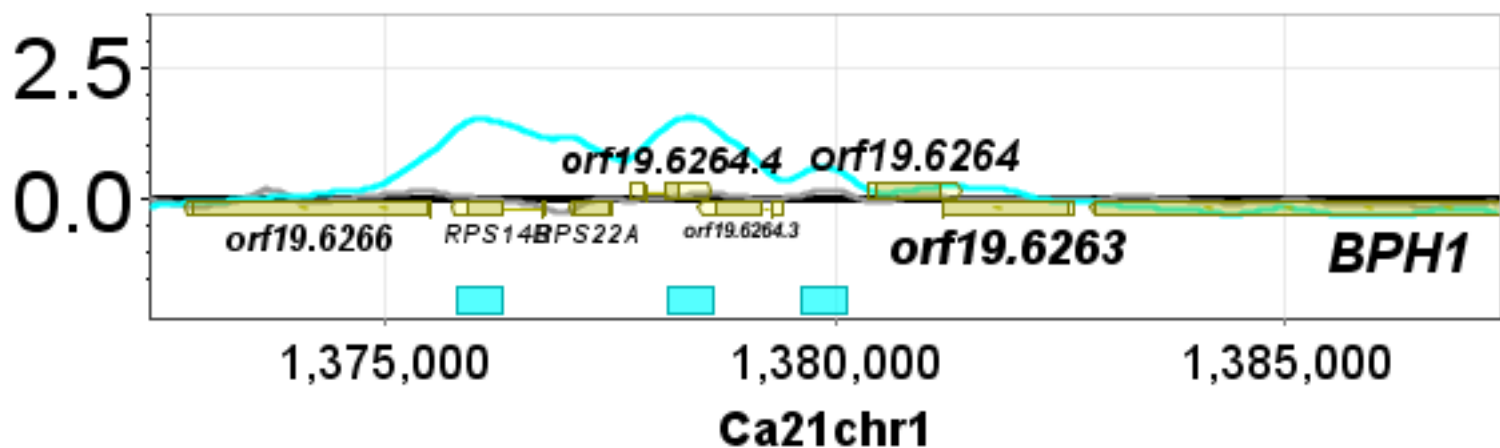
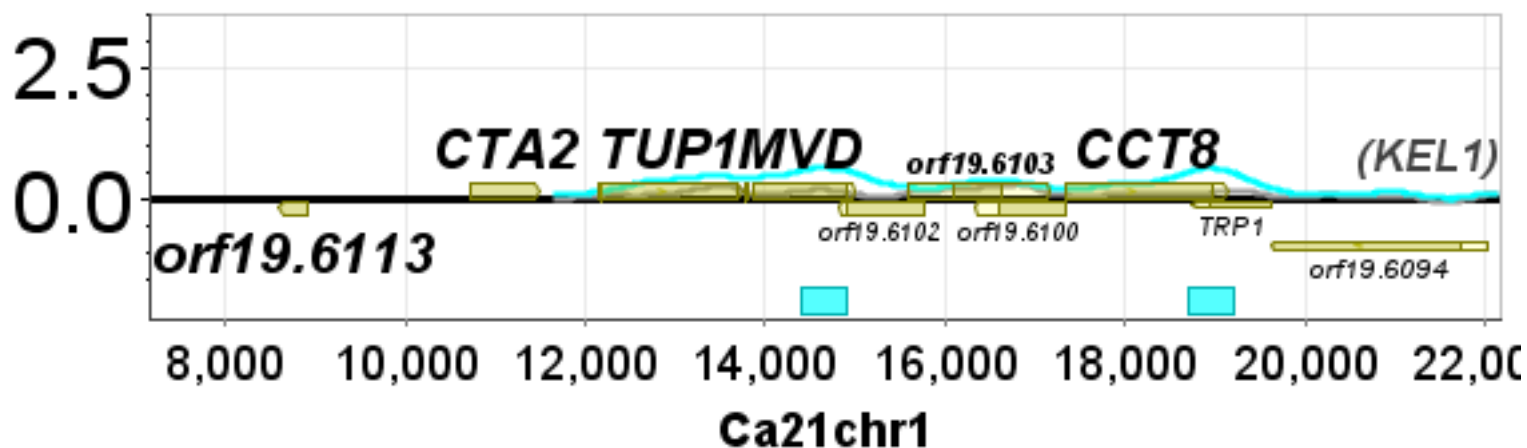
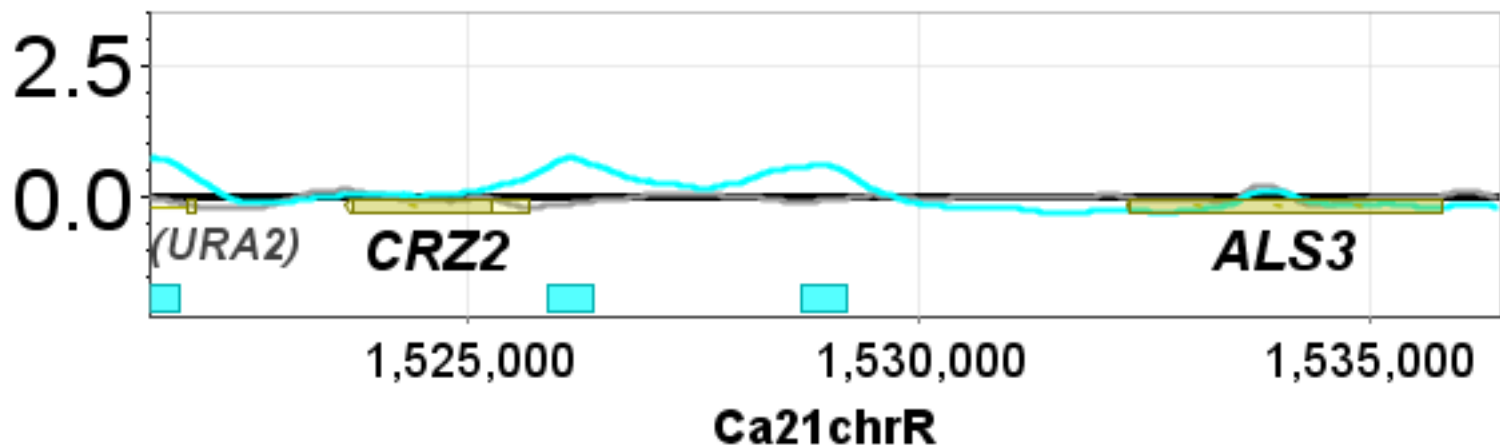


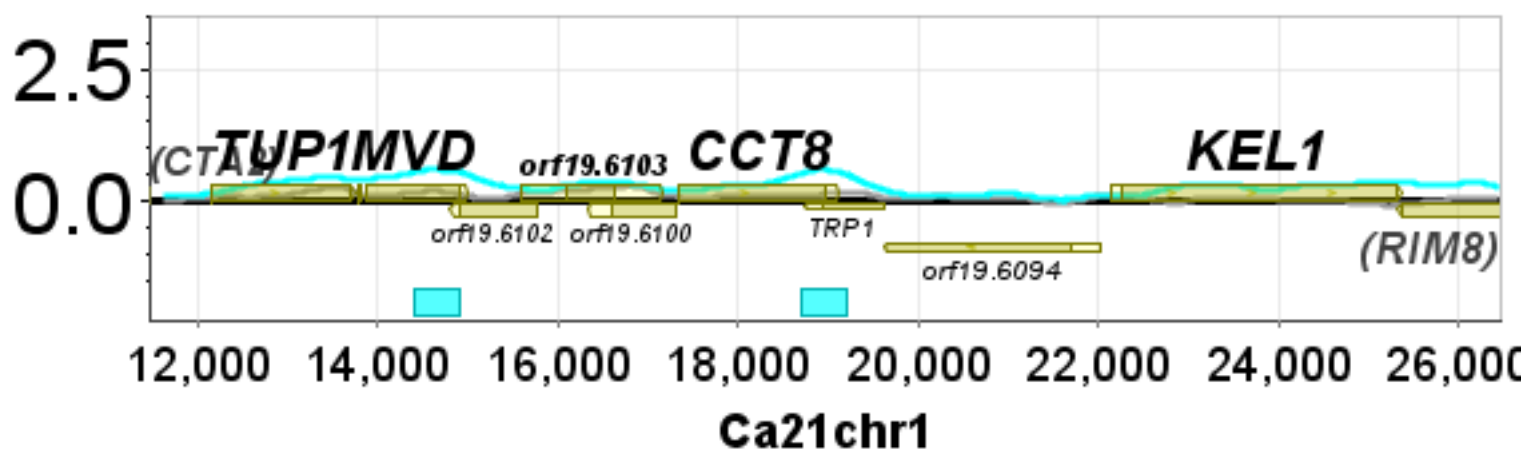
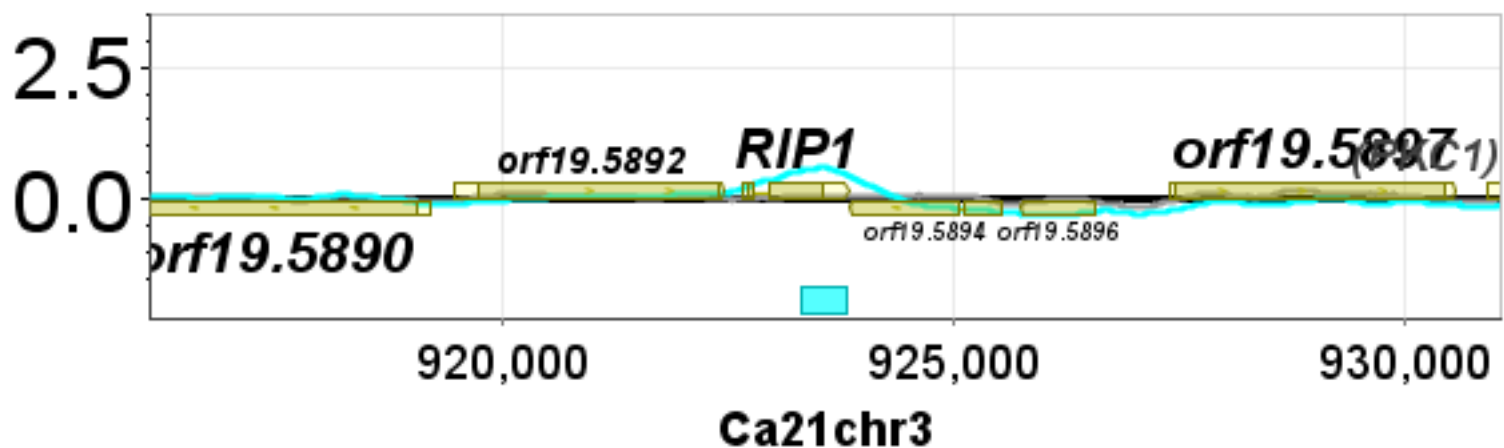
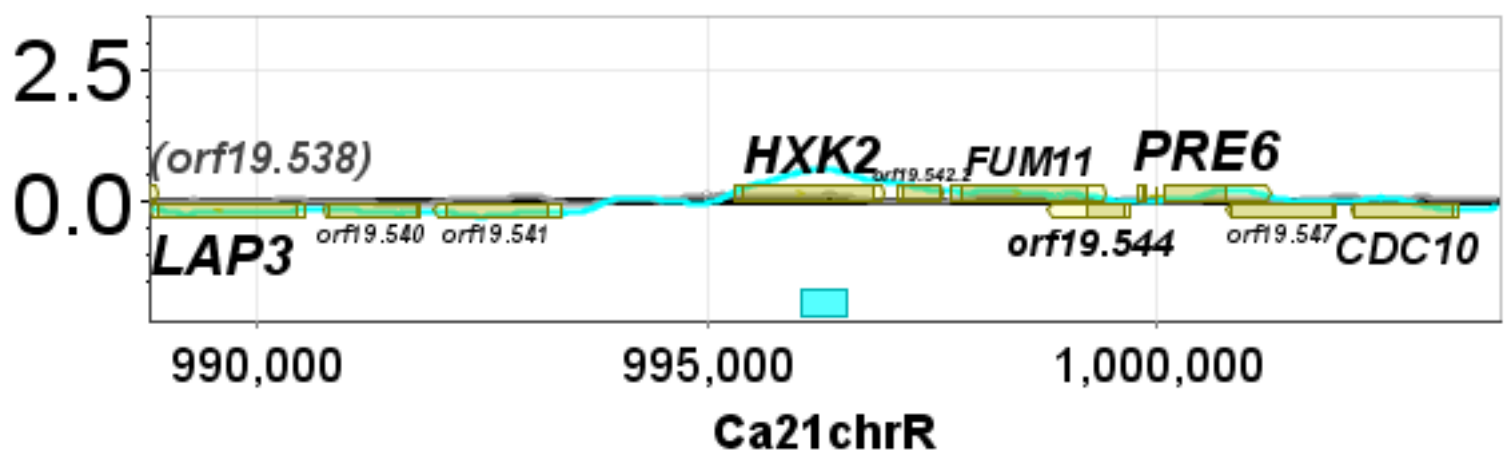
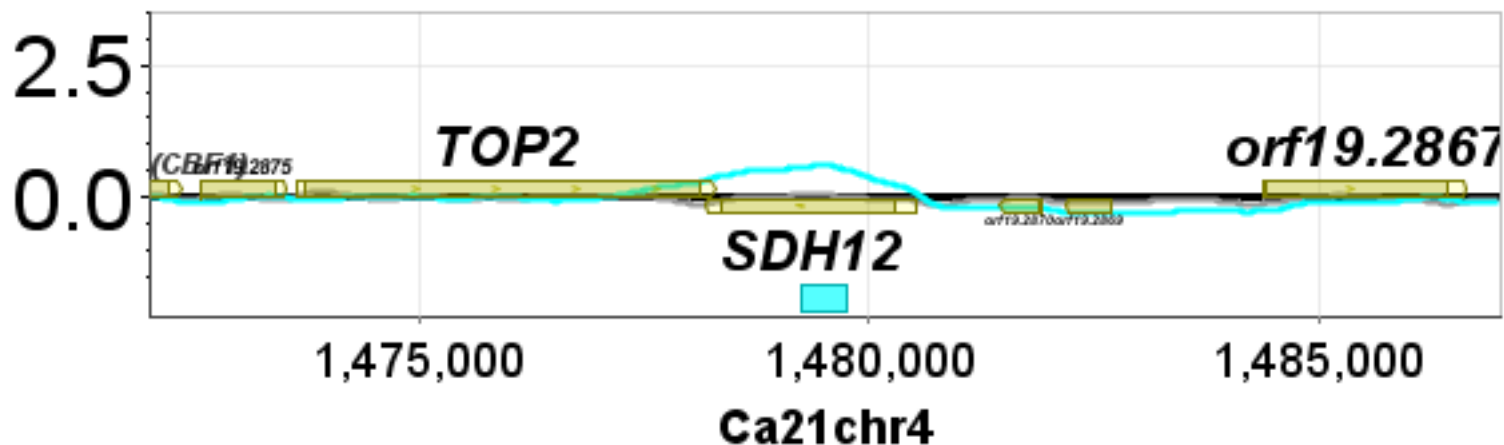
[0.641] Ca21chr5:311933-326932 [+] [Intar_872, orf19.4132, orf19.4131, orf19.4133, orf19.4134]



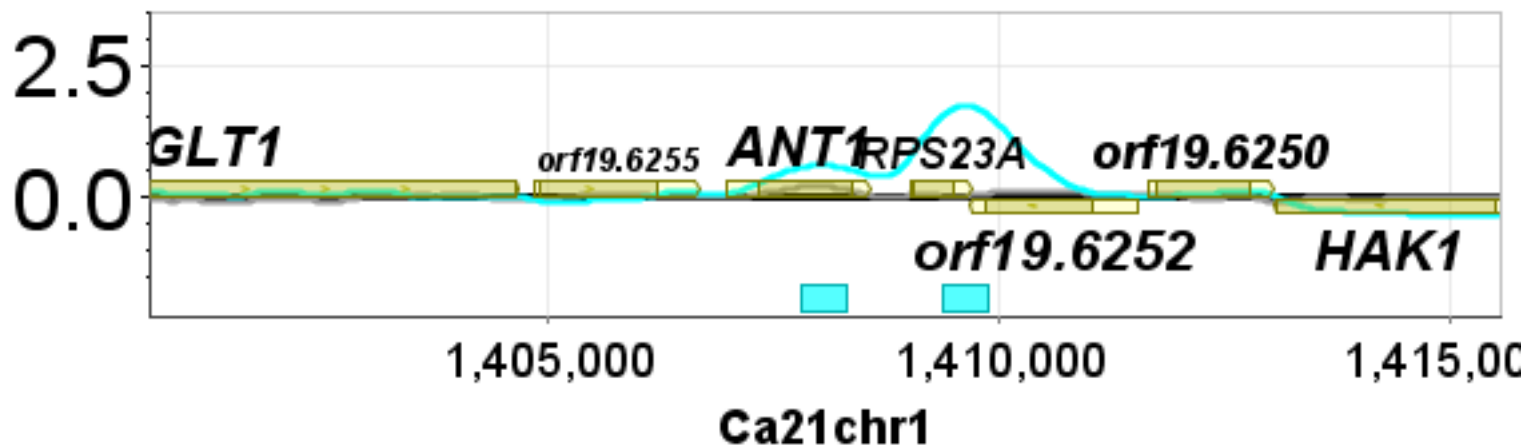




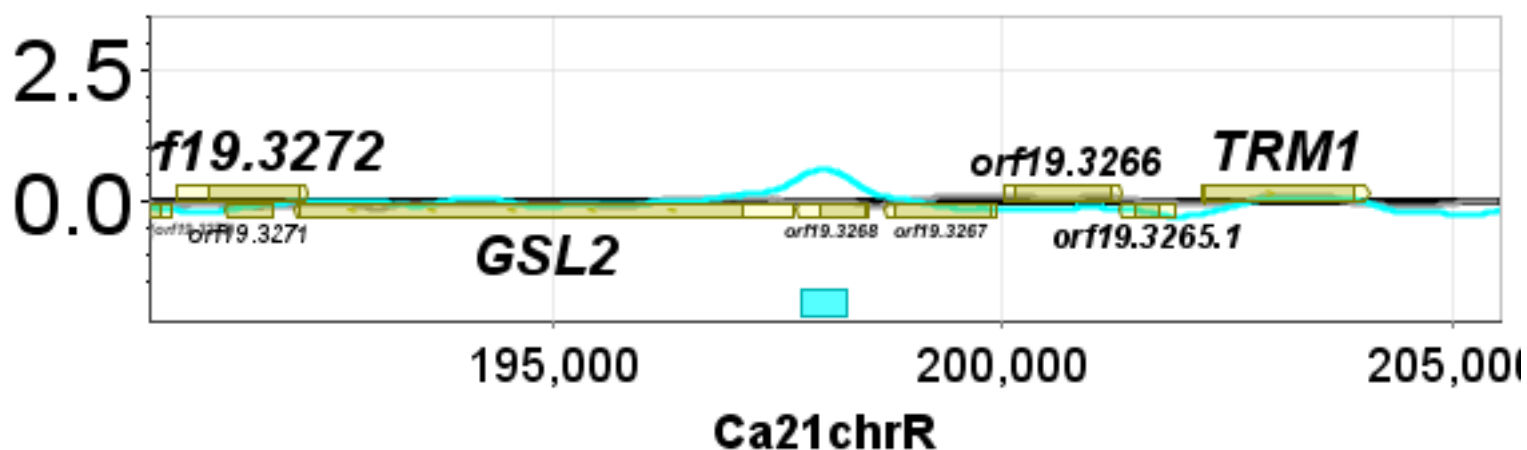




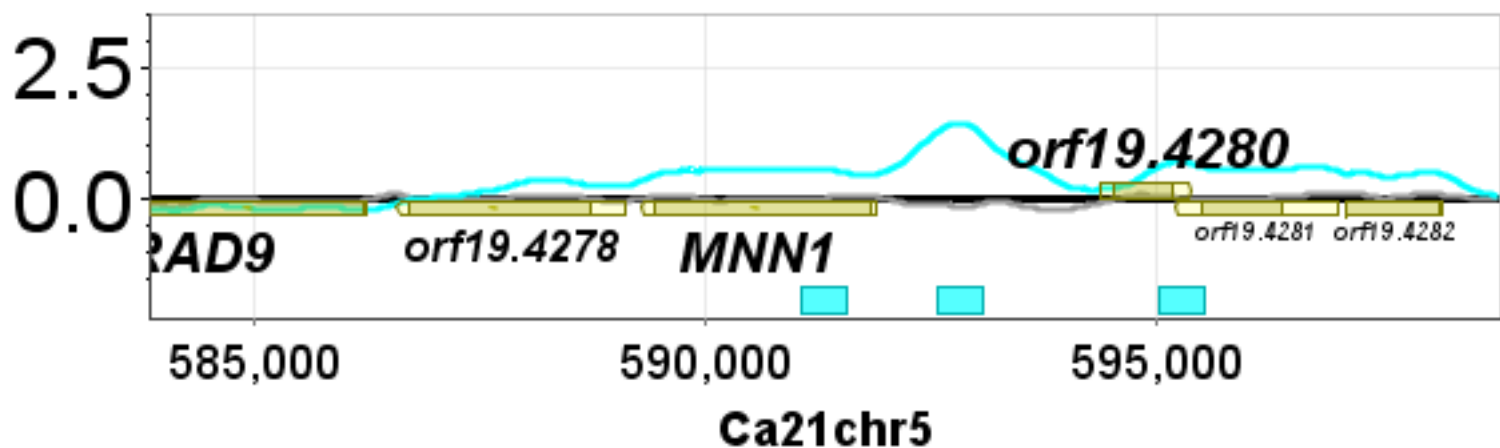
[0.59] Ca21chr1:1400554-1415553 [+] [RPS23A, ANT1, orf19.6255, orf19.6252, orf19.6250]



[0.59] Ca21chrR:190519-205518 [+] [GSL2, orf19.3268, orf19.3267, orf19.3266, orf19.3265.1]



[0.58] Ca21chr5:583820-598819 [+] [MNN1, orf19.4278, orf19.4280, RAD9, orf19.4281]



[0.58] Ca21chr7:356284-371283 [+] [orf19.6556, ntar_1094, ntar_1093, orf19.6557, orf19.6558]

