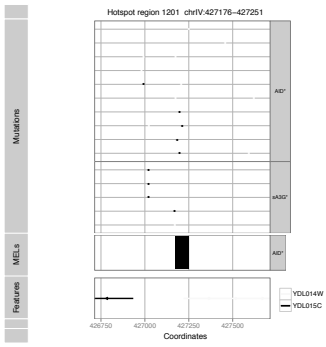
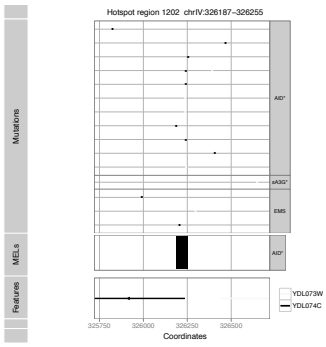
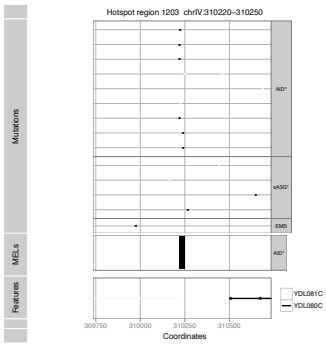
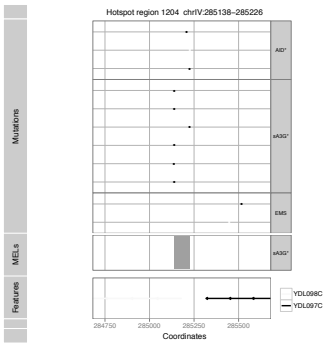
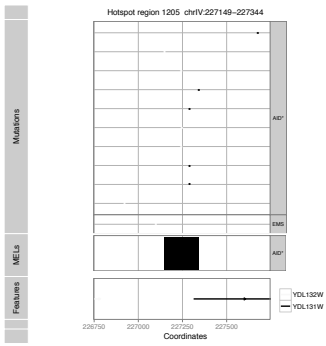
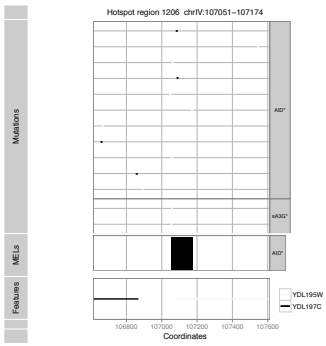

Hotspot region 1201 chrIV:427176–427251
Mutations
MELs
Features
AID*
aA3G*
AID*
YDL014W
YDL015C
426750
427000
427250
427500
Coordinates

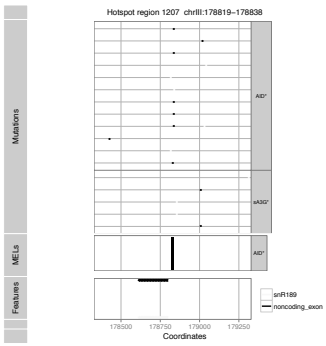

Hotspot region 1202 chrIV:326187–326255
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL073W
YDL074C
325750
326000
326250
326500
Coordinates

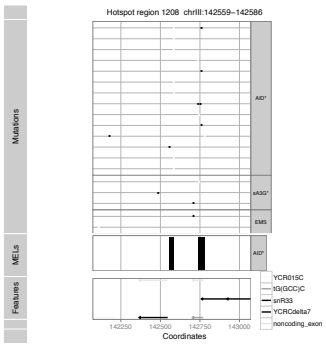

Hotspot region 1203 chrIV:310220–310250
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL081C
YDL080C
309750
310000
310250
310500
Coordinates

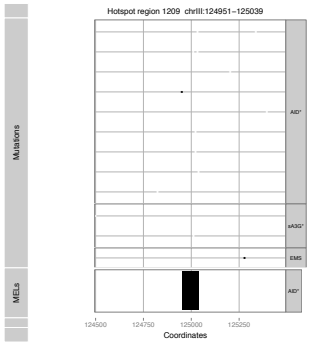

Hotspot region 1204 chrIV:285138–285226
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YDL098C
YDL097C
284750
285000
285250
285500
Coordinates

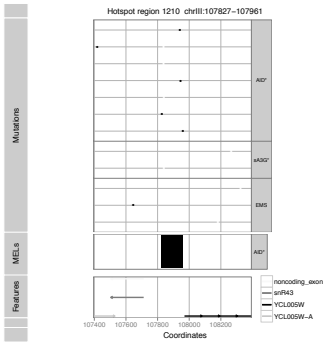

Hotspot region 1205 chrIV:227149–227344
Mutations
MELs
Features
AID*
EMS
AID*
YDL132W
YDL131W
226750
227000
227250
227500
Coordinates

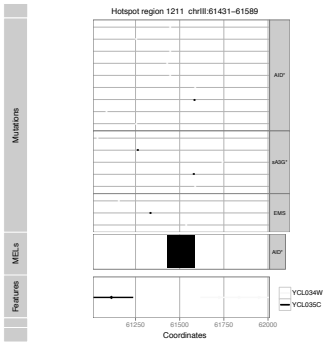

Hotspot region 1206 chrIV:107051–107174
Mutations
MELs
Features
AID*
aA3G*
AID*
YDL195W
YDL197C
106800
107000
107200
107400
107600
Coordinates

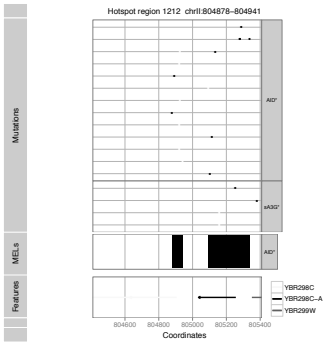

Hotspot region 1207 chrIII:178819–178838
Mutations
MELs
Features
AID*
aA3G*
AID*
snR189
noncoding_exon
178500
178750
179000
179250
Coordinates

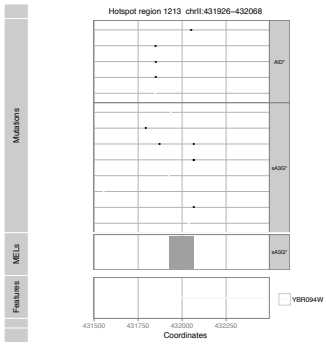

Hotspot region 1208 chrIII:142559–142586
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YCR015C
tG(GCC)C
snR33
YCRCdelta7
noncoding_exon
142250
142500
142750
143000
Coordinates

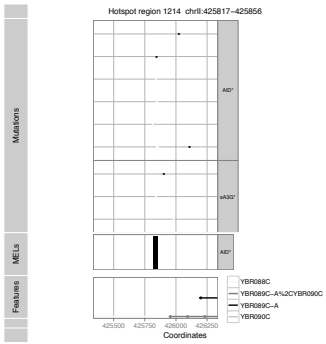

Hotspot region 1209 chrIII:124951–125039
Mutations
MELs
AID*
aA3G*
EMS
AID*
124500
124750
125000
125250
Coordinates

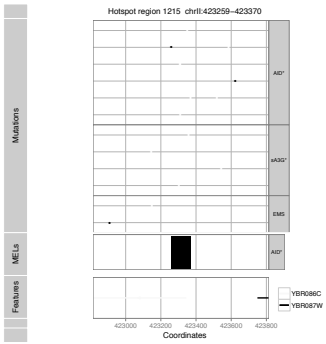

Hotspot region 1210 chrIII:107827–107961
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
snR43
YCL005W
YCL005W–A
107400
107600
107800
108000
108200
Coordinates

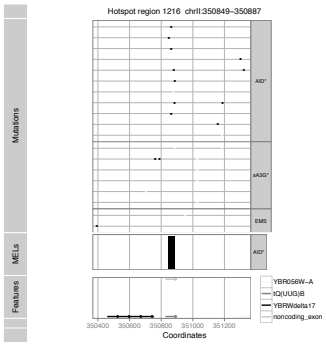

Hotspot region 1211 chrIII:61431–61589
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YCL034W
YCL035C
61250
61500
61750
62000
Coordinates

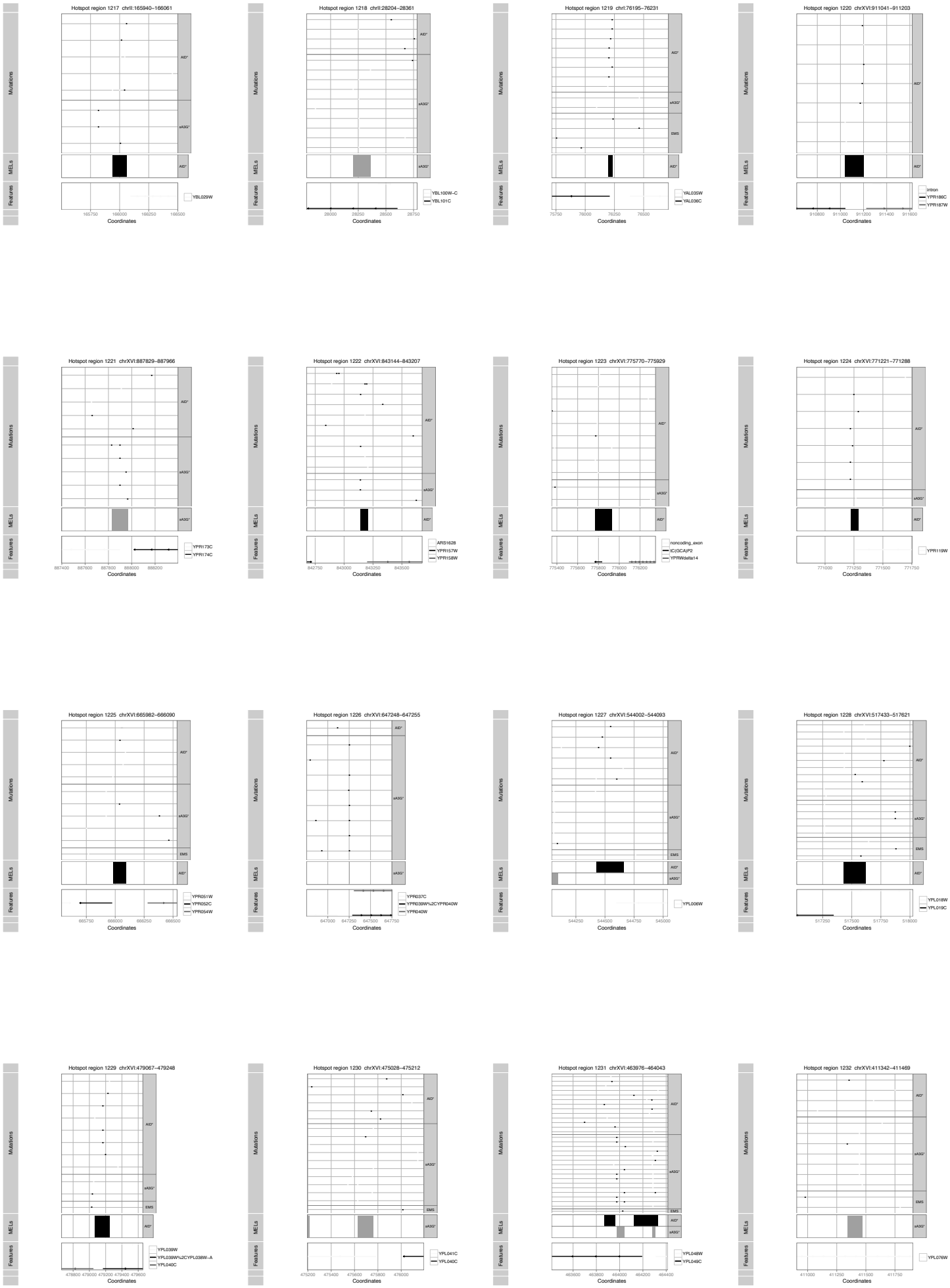

Hotspot region 1212 chrII:804878–804941
Mutations
MELs
Features
AID*
aA3G*
AID*
YBR298C
YBR298C–A
YBR299W
804600
804800
805000
805200
805400
Coordinates

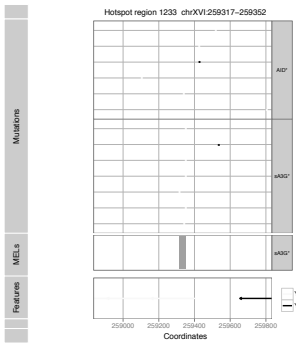

Hotspot region 1213 chrII:431926–432068
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YBR094W
431500
431750
432000
432250
Coordinates

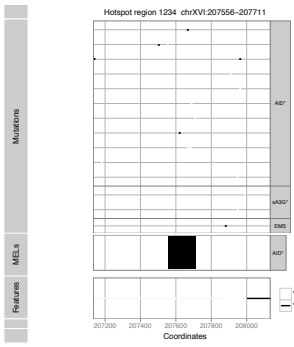

Hotspot region 1214 chrII:425817–425856
Mutations
MELs
Features
AID*
aA3G*
AID*
YBR088C
YBR089C–A%2CYBR090C
YBR089C–A
YBR090C
425500
425750
426000
426250
Coordinates

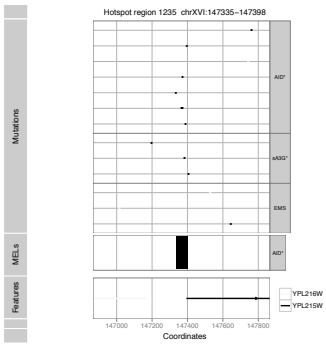

Hotspot region 1215 chrII:423259–423370
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YBR086C
YBR087W
423000
423200
423400
423600
423800
Coordinates

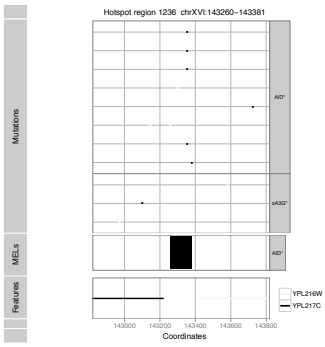

Hotspot region 1216 chrII:350849–350887
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YBR056W–A
tQ(UUG)B
YBRWdelta17
noncoding_exon
350400
350600
350800
351000
351200
Coordinates

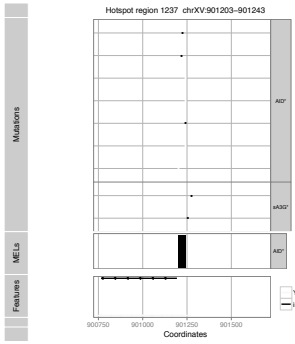

Hotspot region 1217 chrII:165940–166061
Hotspot region 1218 chrII:28204–28361
Hotspot region 1219 chrI:76195–76231
Hotspot region 1220 chrXVI:911041–911203
Hotspot region 1221 chrXVI:887829–887966
Hotspot region 1222 chrXVI:843144–843207
Hotspot region 1223 chrXVI:775770–775929
Hotspot region 1224 chrXVI:771221–771288
Hotspot region 1225 chrXVI:665982–666090
Hotspot region 1226 chrXVI:647248–647255
Hotspot region 1227 chrXVI:544002–544093
Hotspot region 1228 chrXVI:517433–517621
Hotspot region 1229 chrXVI:479067–479248
Hotspot region 1230 chrXVI:475028–475212
Hotspot region 1231 chrXVI:463976–464043
Hotspot region 1232 chrXVI:411342–411469
Mutations
MELs
Features
AID*
aA3G*
EMS
YBL029W
YBL100W–C
YBL101C
YAL035W
YAL036C
intron
YPR186C
YPR187W
YPR173C
YPR174C
ARS1628
YPR157W
YPR158W
noncoding_exon
IC|GCA|P2
YPRWdelta14
YPR119W
YPR051W
YPR052C
YPR054W
YPR037C
YPR039W%2CYPR040W
YPR040W
YPL006W
YPL018W
YPL019C
YPL039W
YPL039W%2CYPL038W–A
YPL040C
YPL041C
YPL040C
YPL048W
YPL049C
YPL076W
Coordinates

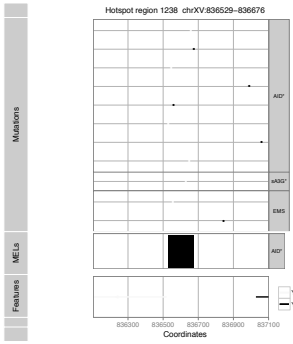

Hotspot region 1233 chrXVI:259317–259352
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YPL155C
YPL154C
259000
259200
259400
259600
259800
Coordinates

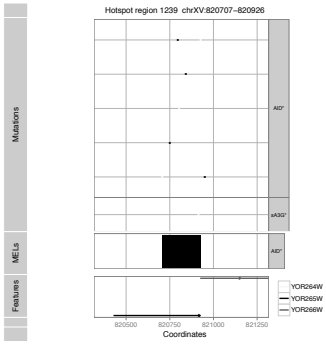

Hotspot region 1234 chrXVI:207556–207711
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YPL180W
YPL179W
207200
207400
207600
207800
208000
Coordinates

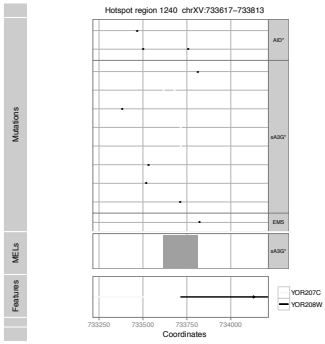

Hotspot region 1235 chrXVI:147335–147398
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YPL216W
YPL215W
147000
147200
147400
147600
147800
Coordinates

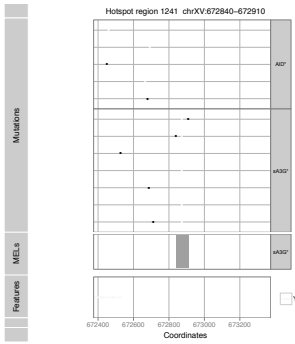

Hotspot region 1236 chrXVI:143260–143381
Mutations
MELs
Features
AID*
aA3G*
AID*
YPL216W
YPL217C
143000
143200
143400
143600
143800
Coordinates

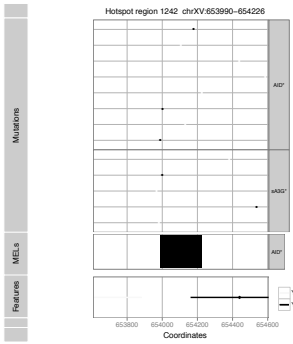

Hotspot region 1237 chrXV:901203–901243
Mutations
MELs
Features
AID*
aA3G*
AID*
YOR312C
intron
900750
901000
901250
901500
Coordinates

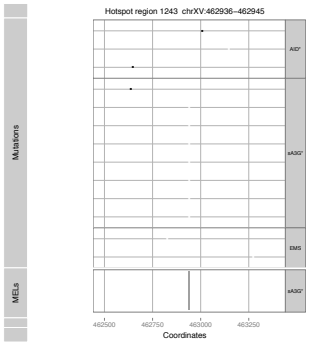

Hotspot region 1238 chrXV:836529–836676
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR273C
YDR274W
836300
836500
836700
836900
837100
Coordinates

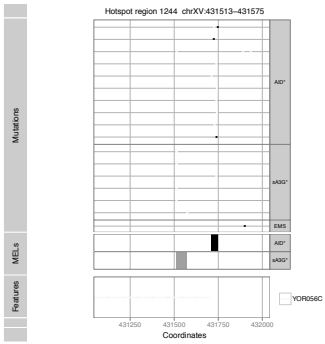

Hotspot region 1239 chrXV:820707–820926
Mutations
MELs
Features
AID*
aA3G*
AID*
YOR264W
YOR265W
YOR266W
820500
820750
821000
821250
Coordinates

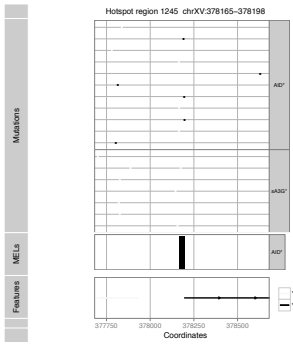

Hotspot region 1240 chrXV:733617–733813
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YOR207C
YOR208W
733250
733500
733750
734000
Coordinates

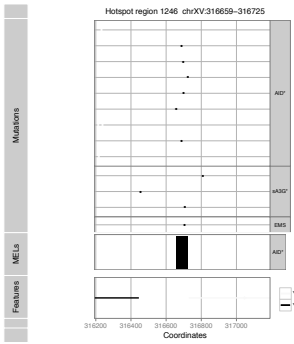

Hotspot region 1241 chrXV:672840–672910
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YOR179C
672400
672600
672800
673000
673200
Coordinates

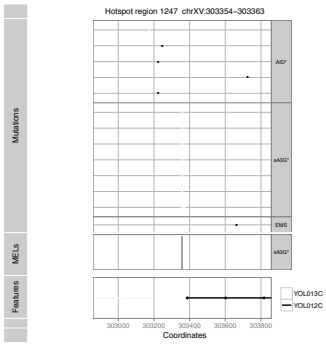

Hotspot region 1242 chrXV:653990–654226
Mutations
MELs
Features
AID*
aA3G*
AID*
YOR171C
YOR172W
653800
654000
654200
654400
654600
Coordinates

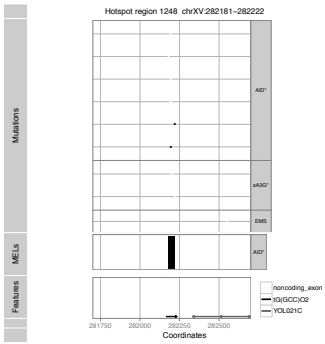

Hotspot region 1243 chrXV:462936–462945
Mutations
MELs
AID*
aA3G*
EMS
aA3G*
462500
462750
463000
463250
Coordinates

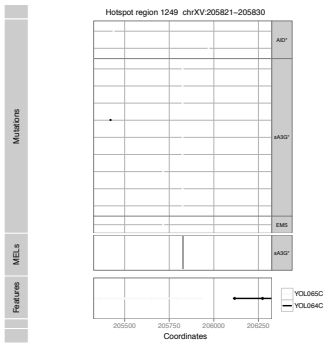

Hotspot region 1244 chrXV:431513–431575
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YOR056C
431250
431500
431750
432000
Coordinates

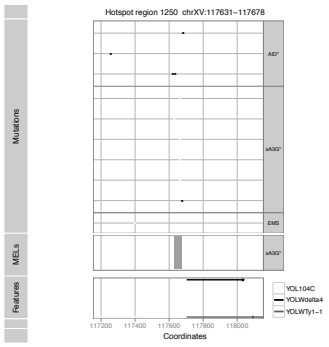

Hotspot region 1245 chrXV:378165–378198
Mutations
MELs
Features
AID*
aA3G*
AID*
YOR023C
YOR025W
377750
378000
378250
378500
Coordinates

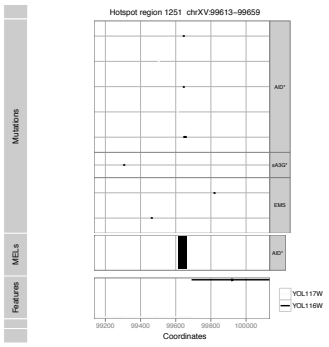

Hotspot region 1246 chrXV:316659–316725
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YOL004W
YOL005C
316200
316400
316600
316800
317000
Coordinates

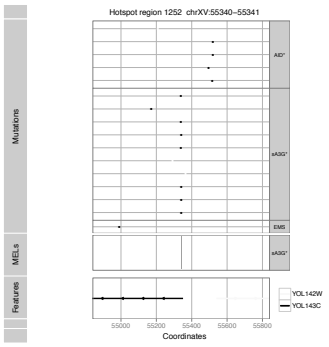

Hotspot region 1247 chrXV:303354–303363
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YOL013C
YOL012C
303000
303200
303400
303600
303800
Coordinates

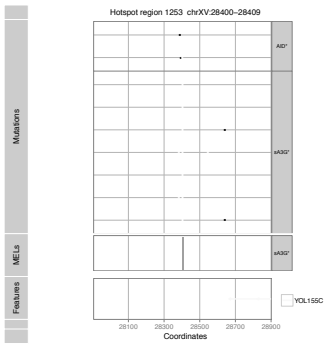

Hotspot region 1248 chrXV:282181–282222
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
EG/GCC/CG2
YOL021C
281750
282000
282250
282500
Coordinates

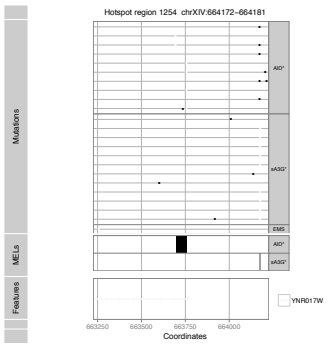

Hotspot region 1249 chrXV:205821–205830
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YOL065C
YOL064C
205500
205750
206000
206250
Coordinates

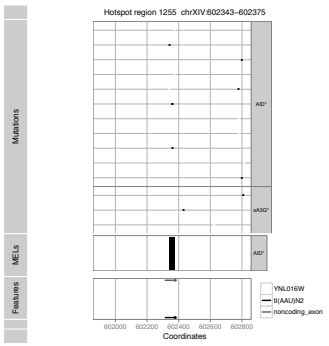

Hotspot region 1250 chrXV:117631–117678
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YOL104C
YOLWdelta4
YOLWTy1–1
117200
117400
117600
117800
118000
Coordinates

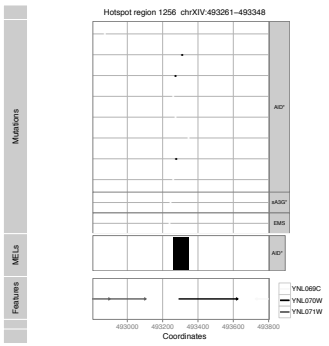

Hotspot region 1251 chrXV:99613–99659
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YOL117W
YOL116W
99200
99400
99600
99800
100000
Coordinates

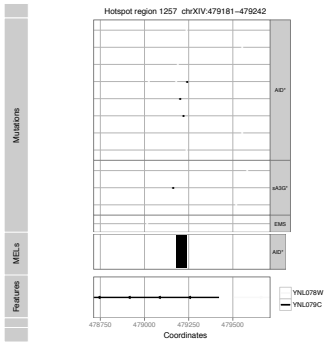

Hotspot region 1252 chrXV:55340–55341
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YOL142W
YOL143C
55000
55200
55400
55600
55800
Coordinates

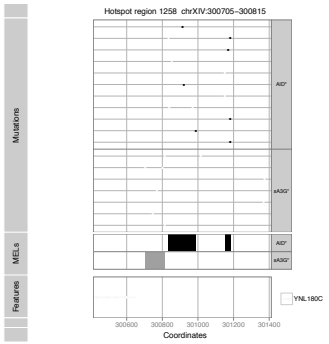

Hotspot region 1253 chrXV:28400–28409
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YOL155C
28100
28300
28500
28700
28900
Coordinates

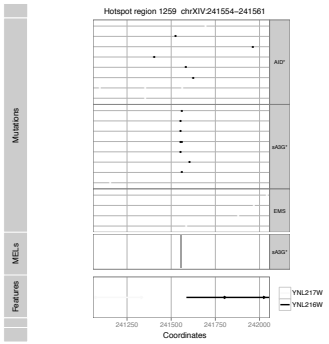

Hotspot region 1254 chrXIV:664172–664181
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YNR017W
663250
663500
663750
664000
Coordinates

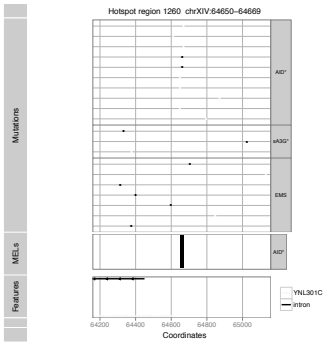

Hotspot region 1255 chrXIV:602343–602375
Mutations
MELs
Features
AID*
aA3G*
AID*
YNL016W
tl(AAU)N2
noncoding_exon
602000
602200
602400
602600
602800
Coordinates

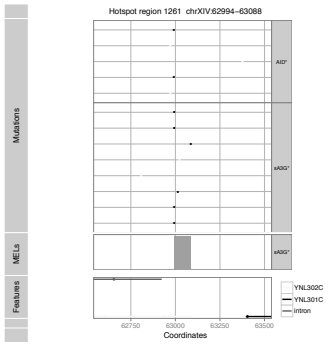

Hotspot region 1256 chrXIV:493261–493348
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YNL069C
YNL070W
YNL071W
493000
493200
493400
493600
493800
Coordinates

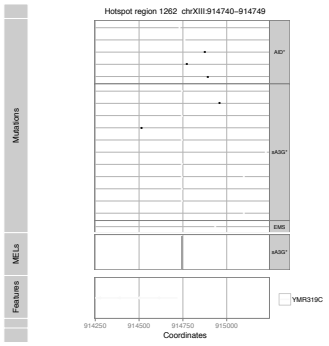

Hotspot region 1257 chrXIV:479181–479242
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YNL078W
YNL079C
478750
479000
479250
479500
Coordinates

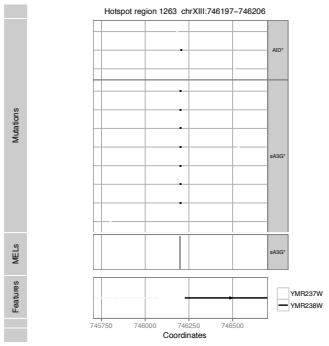

Hotspot region 1258 chrXIV:300705–300815
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
YNL180C
300600
300800
301000
301200
301400
Coordinates

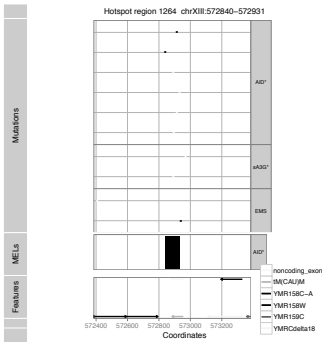

Hotspot region 1259 chrXIV:241554–241561
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YNL217W
YNL216W
241250
241500
241750
242000
Coordinates

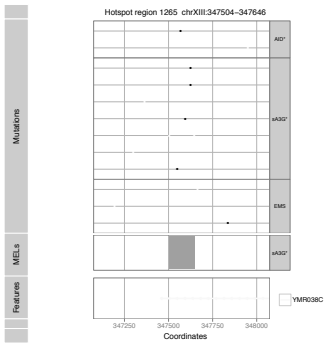

Hotspot region 1260 chrXIV:64650–64669
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YNL301C
intron
64200
64400
64600
64800
65000
Coordinates

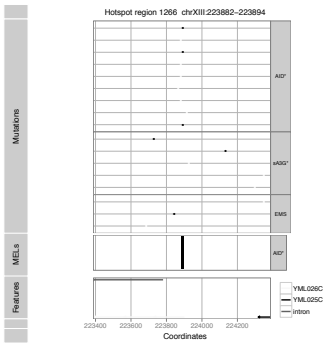

Hotspot region 1261 chrXIV:62994–63088
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YNL302C
YNL301C
intron
62750
63000
63250
63500
Coordinates

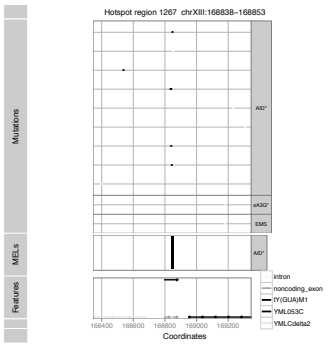

Hotspot region 1262 chrXIII:914740–914749
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YMR319C
914250
914500
914750
915000
Coordinates

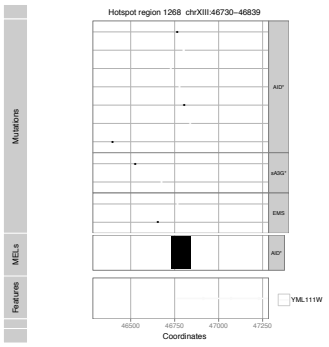

Hotspot region 1263 chrXIII:746197–746206
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YMR237W
YMR238W
746750
746900
747050
747200
Coordinates

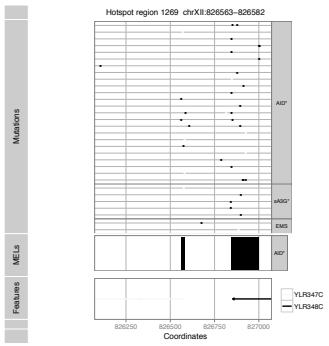

Hotspot region 1264 chrXIII:572840–572931
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
tM(CAU)M
YMR158C–A
YMR158W
YMR159C
YMRCdelta18
572400
572600
572800
573000
573200
Coordinates

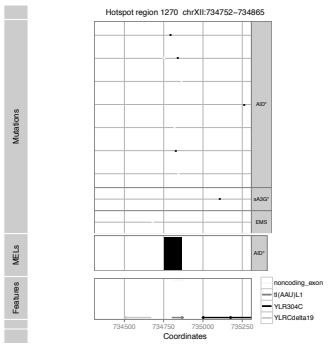

Hotspot region 1265 chrXIII:347504–347646
Mutations
AID*
eA3G*
EMS
MELs
eA3G*
Features
YMR038C
347250
347500
347750
348000
Coordinates

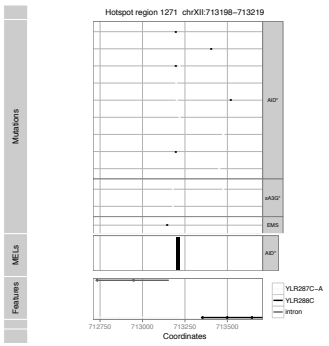

Hotspot region 1266 chrXIII:223882–223894
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YML026C
YML025C
intron
223400
223600
223800
224000
224200
Coordinates

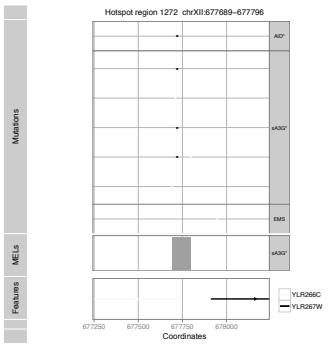

Hotspot region 1267 chrXIII:168838–168853
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
intron
noncoding_exon
t(Y(GUA)M1
YML053C
YMLCdelta2
168400
168600
168800
169000
169200
Coordinates

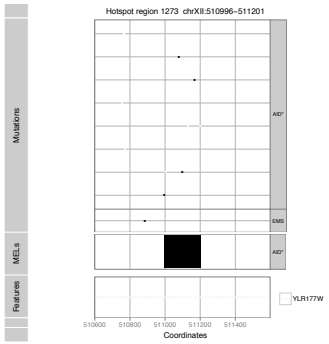

Hotspot region 1268 chrXIII:46730–46839
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YML111W
46500
46750
47000
47250
Coordinates

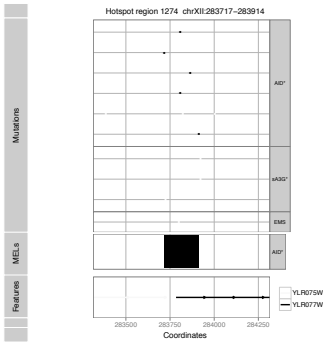

Hotspot region 1269 chrXII:826563–826582
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YLR347C
YLR348C
826250
826500
826750
827000
Coordinates

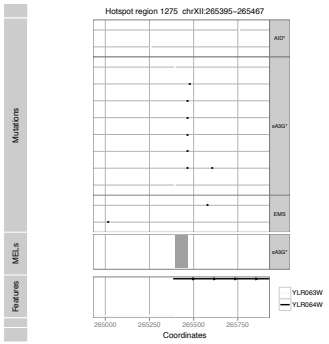

Hotspot region 1270 chrXII:734752–734865
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
noncoding_exon
t(AAU)L1
YLR304C
YLRCdelta19
734500
734750
735000
735250
Coordinates

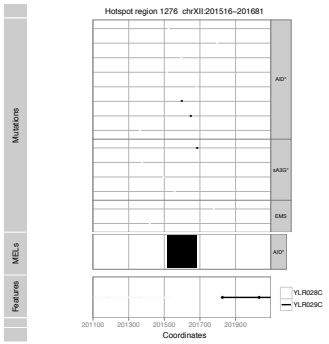

Hotspot region 1271 chrXII:713198–713219
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YLR287C–A
YLR288C
intron
712750
713000
713250
713500
Coordinates

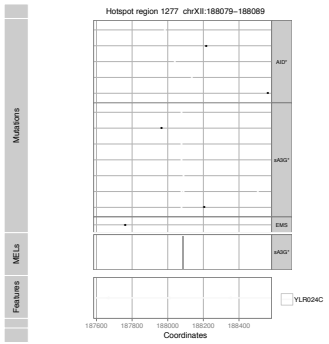

Hotspot region 1272 chrXII:677689–677796
Mutations
AID*
eA3G*
EMS
MELs
eA3G*
Features
YLR266C
YLR267W
677250
677500
677750
678000
Coordinates

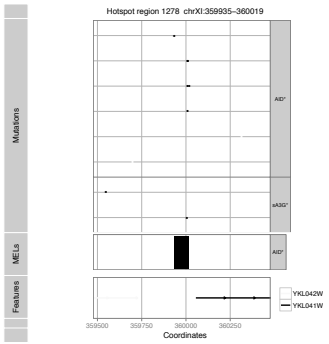

Hotspot region 1273 chrXII:510996–511201
Mutations
AID*
EMS
MELs
AID*
Features
YLR177W
510600
510800
511000
511200
511400
Coordinates

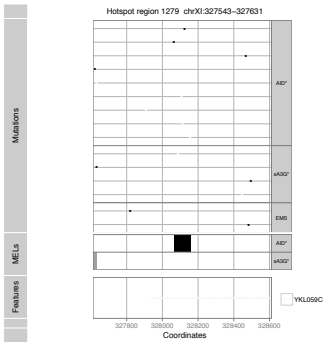

Hotspot region 1274 chrXII:283717–283914
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YLR075W
YLR077W
283500
283750
284000
284250
Coordinates

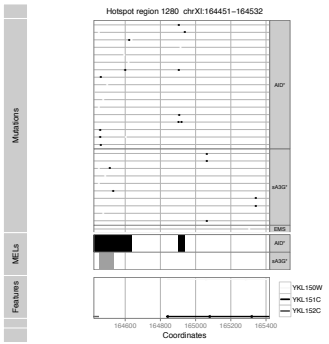

Hotspot region 1275 chrXII:265395–265467
Mutations
AID*
eA3G*
EMS
MELs
eA3G*
Features
YLR063W
YLR064W
265000
265250
265500
265750
Coordinates

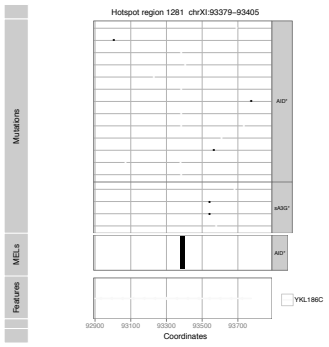

Hotspot region 1276 chrXII:201516–201681
Mutations
AID*
eA3G*
EMS
MELs
AID*
Features
YLR028C
YLR029C
201100
201300
201500
201700
201900
Coordinates

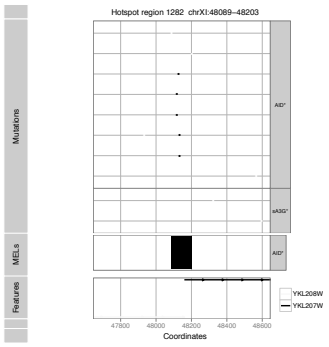

Hotspot region 1277 chrXII:188079–188089
Mutations
AID*
eA3G*
EMS
MELs
eA3G*
Features
YLR024C
187600
187800
188000
188200
188400
Coordinates

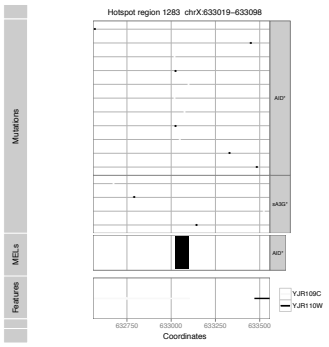

Hotspot region 1278 chrXI:359935–360019
Mutations
AID*
eA3G*
MELs
AID*
Features
YKL042W
YKL041W
359500
359750
360000
360250
Coordinates

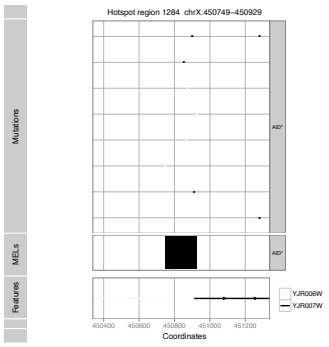

Hotspot region 1279 chrXI:327543–327631
Mutations
AID*
eA3G*
EMS
MELs
AID*
eA3G*
Features
YKL059C
327800
328000
328200
328400
328600
Coordinates

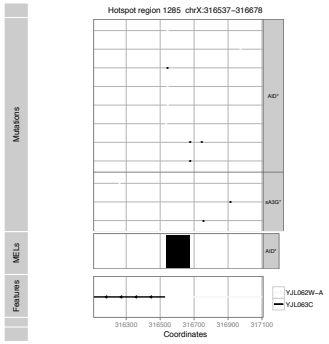

Hotspot region 1280 chrXI:164451–164532
Mutations
AID*
eA3G*
EMS
MELs
AID*
eA3G*
Features
YKL150W
YKL151C
YKL152C
164600
164800
165000
165200
165400
Coordinates

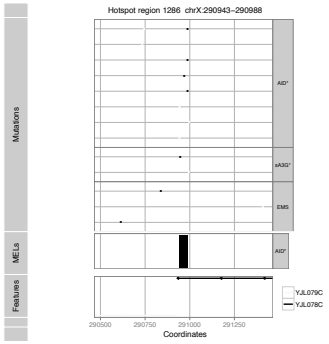

Hotspot region 1281 chrXI:93379–93405
Mutations
MELs
Features
AID*
aA3G*
AID*
YKL186C
92900
93100
93300
93500
93700
Coordinates

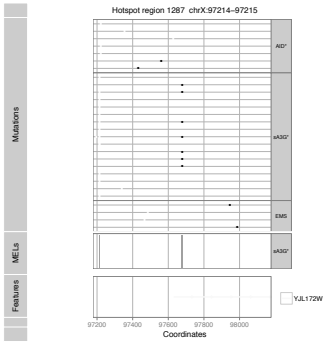

Hotspot region 1282 chrXI:48089–48203
Mutations
MELs
Features
AID*
aA3G*
AID*
YKL208W
YKL207W
47800
48000
48200
48400
48600
Coordinates

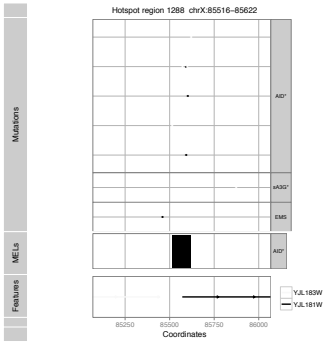

Hotspot region 1283 chrX:633019–633098
Mutations
MELs
Features
AID*
aA3G*
AID*
YJR109C
YJR110W
632750
633000
633250
633500
Coordinates

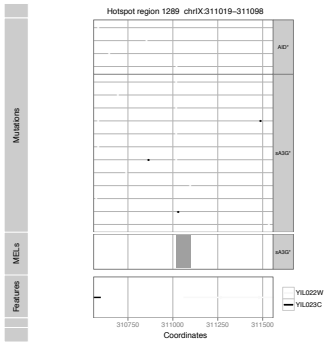

Hotspot region 1284 chrX:450749–450929
Mutations
MELs
Features
AID*
AID*
YJR006W
YJR007W
450400
450600
450800
451000
451200
Coordinates

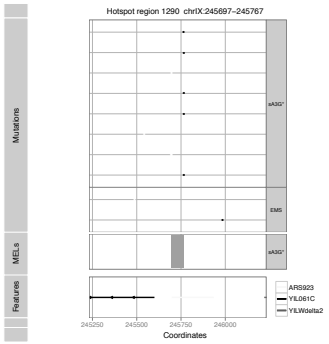

Hotspot region 1285 chrX:316537–316678
Mutations
MELs
Features
AID*
aA3G*
AID*
YJL062W–A
YJL063C
316300
316500
316700
316900
317100
Coordinates

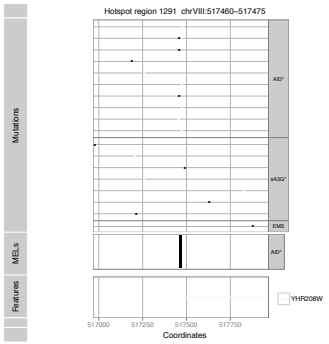

Hotspot region 1286 chrX:290943–290988
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YJL079C
YJL078C
290500
290750
291000
291250
Coordinates

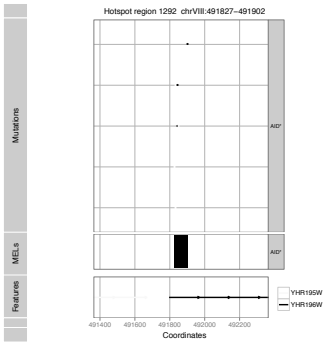

Hotspot region 1287 chrX:97214–97215
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YJL172W
97200
97400
97600
97800
98000
Coordinates

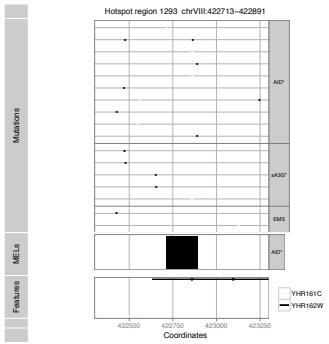

Hotspot region 1288 chrX:85516–85622
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YJL183W
YJL181W
85250
85500
85750
86000
Coordinates

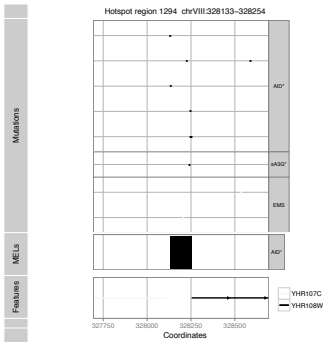

Hotspot region 1289 chrIX:311019–311098
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YIL022W
YIL023C
310750
311000
311250
311500
Coordinates

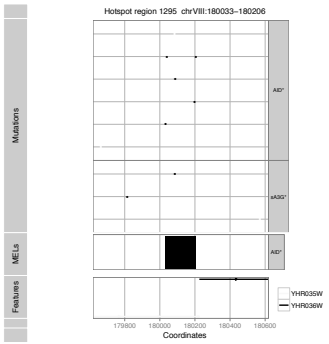

Hotspot region 1290 chrIX:245697–245767
Mutations
MELs
Features
aA3G*
EMS
aA3G*
ARS923
YIL061C
YILWdelta2
245250
245500
245750
246000
Coordinates

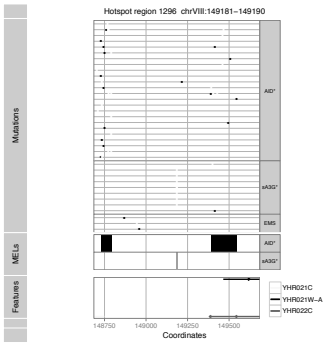

Hotspot region 1291 chrVIII:517460–517475
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR208W
517000
517250
517500
517750
Coordinates

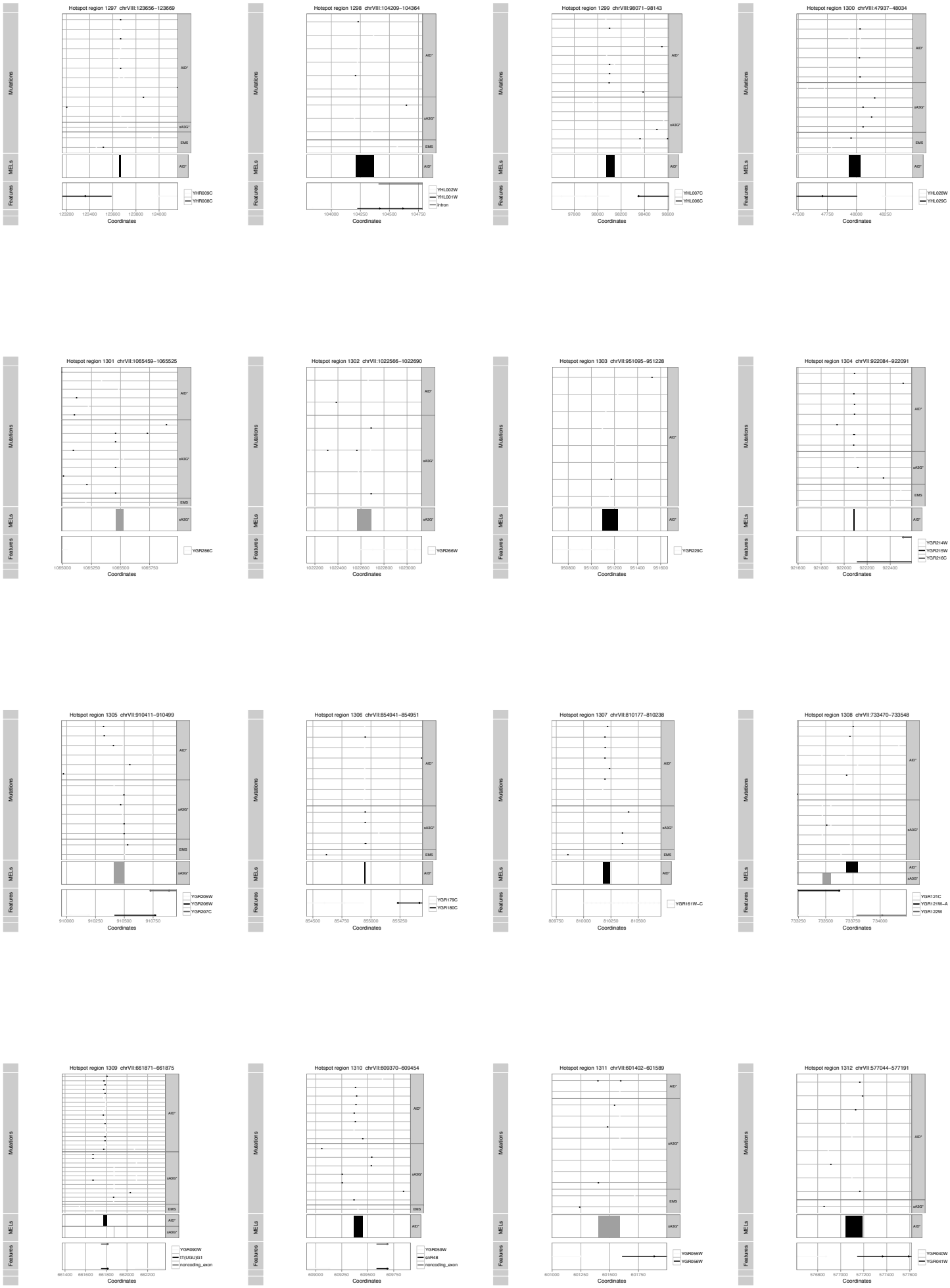

Hotspot region 1292 chrVIII:491827–491902
Mutations
MELs
Features
AID*
AID*
YHR195W
YHR196W
491400
491600
491800
492000
492200
Coordinates

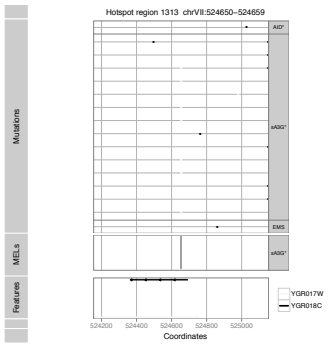

Hotspot region 1293 chrVIII:422713–422891
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR161C
YHR162W
422500
422750
423000
423250
Coordinates

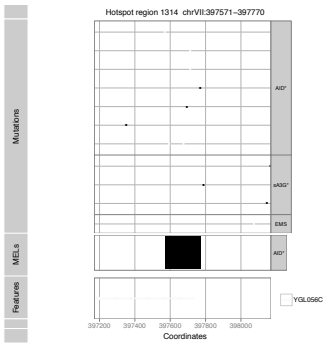

Hotspot region 1294 chrVIII:328133–328254
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR107C
YHR108W
327750
328000
328250
328500
Coordinates

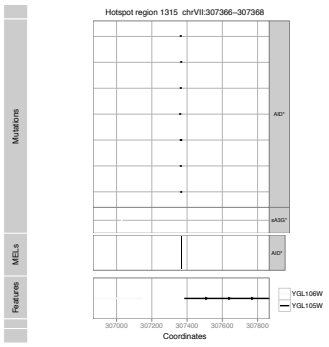

Hotspot region 1295 chrVIII:180033–180206
Mutations
MELs
Features
AID*
aA3G*
AID*
YHR035W
YHR036W
179800
180000
180200
180400
180600
Coordinates

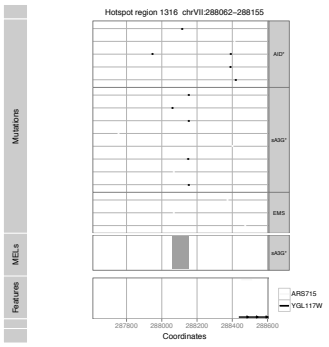

Hotspot region 1296 chrVIII:149181–149190
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G
YHR021C
YHR021W–A
YHR022C
148750
149000
149250
149500
Coordinates

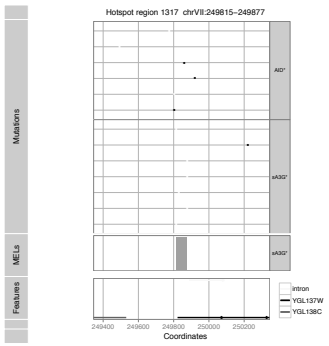

Hotspot region 1297 chrVIII:123656–123669
Hotspot region 1298 chrVIII:104209–104364
Hotspot region 1299 chrVIII:98071–98143
Hotspot region 1300 chrVIII:47937–48034
Hotspot region 1301 chrVII:1065459–1065525
Hotspot region 1302 chrVII:1022566–1022690
Hotspot region 1303 chrVII:951095–951228
Hotspot region 1304 chrVII:922084–922091
Hotspot region 1305 chrVII:910411–910499
Hotspot region 1306 chrVII:854941–854951
Hotspot region 1307 chrVII:810177–810238
Hotspot region 1308 chrVII:733470–733548
Hotspot region 1309 chrVII:661871–661875
Hotspot region 1310 chrVII:609370–609454
Hotspot region 1311 chrVII:601402–601589
Hotspot region 1312 chrVII:577044–577191
Mutations
MELs
Features
AID*
aA3G*
EMS
YHR009C
YHR008C
YHL002W
YHL001W
intron
YHL007C
YHL006C
YHL028W
YHL029C
YGR286C
YGR266W
YGR229C
YGR214W
YGR215W
YGR216C
YGR205W
YGR206W
YGR207C
YGR179C
YGR180C
YGR161W–C
YGR121C
YGR121W–A
YGR122W
YGR090W
(T)(A)(U)G1
noncoding_exon
YGR059W
snR48
YGR055W
YGR056W
YGR040W
YGR041W
Coordinates

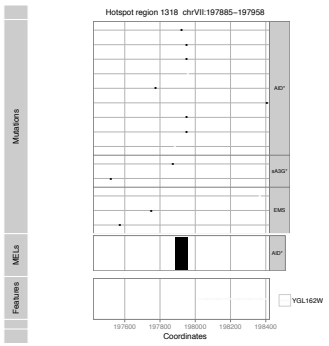

Hotspot region 1313 chrVII:524650–524659
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YGR017W
YGR018C
524200
524400
524600
524800
525000
Coordinates

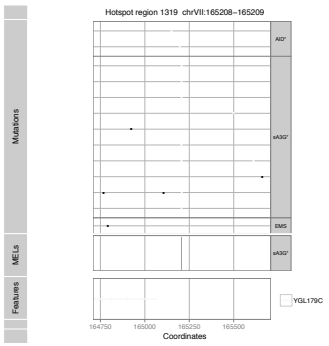

Hotspot region 1314 chrVII:397571–397770
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YGL056C
397200
397400
397600
397800
398000
Coordinates

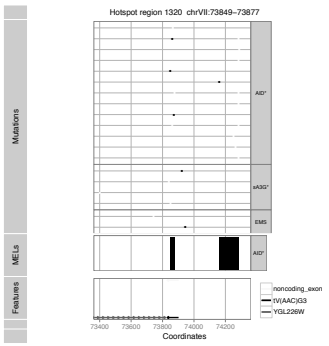

Hotspot region 1315 chrVII:307366–307368
Mutations
MELs
Features
AID*
aA3G*
AID*
YGL106W
YGL105W
307000
307200
307400
307600
307800
Coordinates

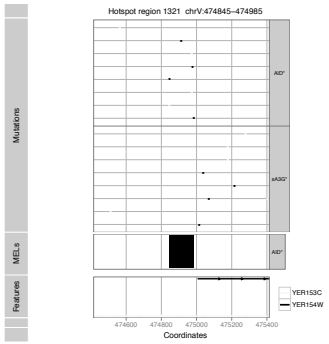

Hotspot region 1316 chrVII:288062–288155
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
ARS715
YGL117W
287800
288000
288200
288400
288600
Coordinates

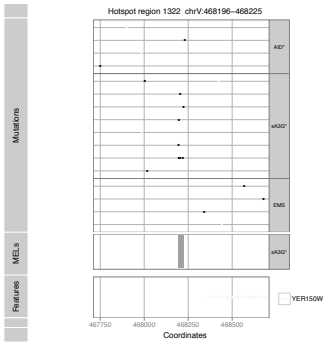

Hotspot region 1317 chrVII:249815–249877
Mutations
MELs
Features
AID*
aA3G*
aA3G*
intron
YGL137W
YGL138C
249400
249600
249800
250000
250200
Coordinates

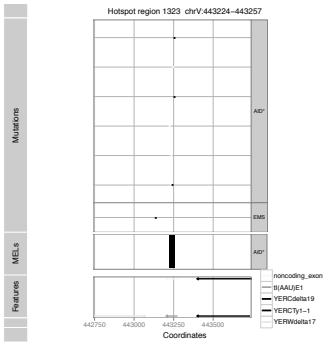

Hotspot region 1318 chrVII:197885–197958
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YGL162W
197600
197800
198000
198200
198400
Coordinates

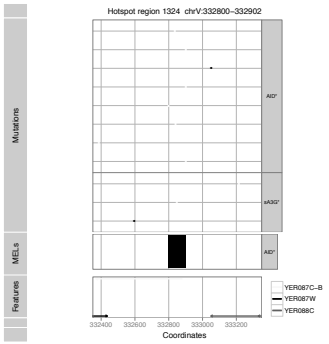

Hotspot region 1319 chrVII:165208–165209
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YGL179C
164750
165000
165250
165500
Coordinates

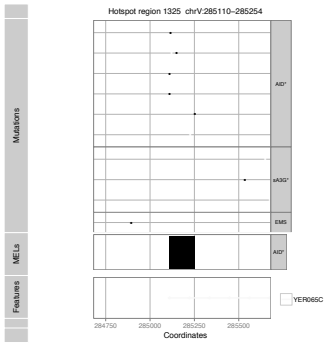

Hotspot region 1320 chrVII:73849–73877
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
tV(AAC)G3
YGL226W
73400
73600
73800
74000
74200
Coordinates

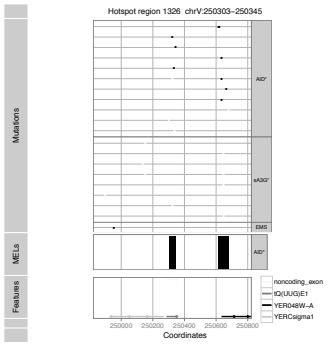

Hotspot region 1321 chrV:474845–474985
Mutations
MELs
Features
AID*
aA3G*
AID*
YER153C
YER154W
474600
474800
475000
475200
475400
Coordinates

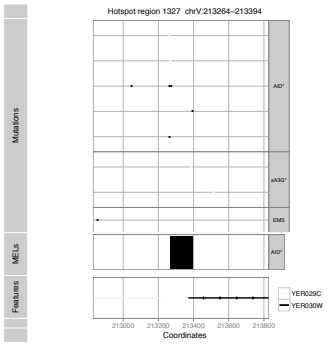

Hotspot region 1322 chrV:468196–468225
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YER150W
467750
468000
468250
468500
Coordinates

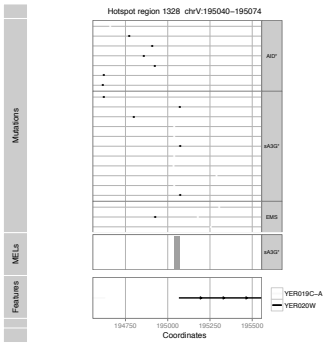

Hotspot region 1323 chrV:443224–443257
Mutations
MELs
Features
AID*
EMS
AID*
noncoding_exon
tI(AAU)E1
YERCdelta19
YERCTy1–1
YERWdelta17
442750
443000
443250
443500
Coordinates

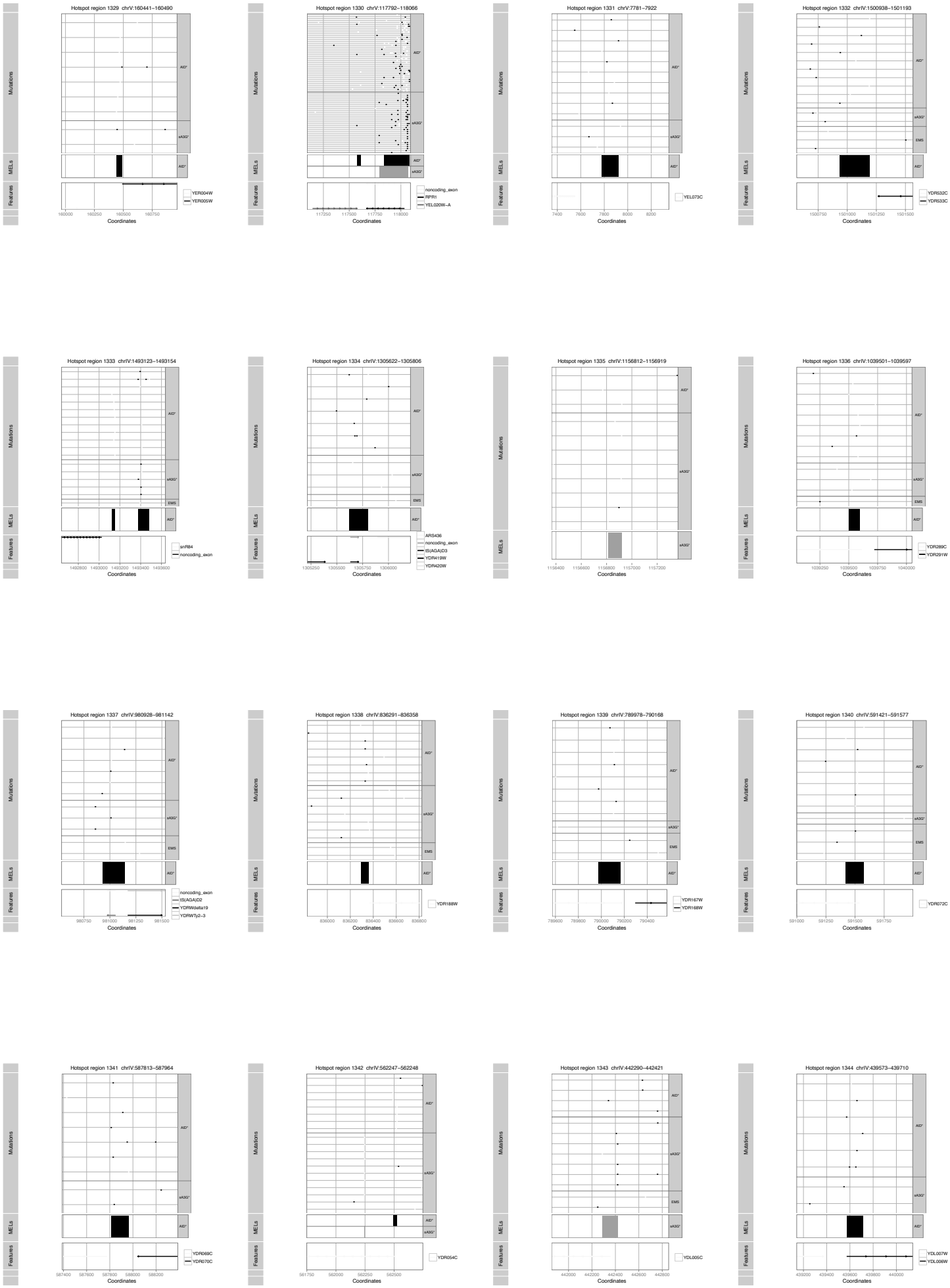

Hotspot region 1324 chrV:332800–332902
Mutations
MELs
Features
AID*
aA3G*
AID*
YER087C–B
YER087W
YER088C
332400
332600
332800
333000
333200
Coordinates

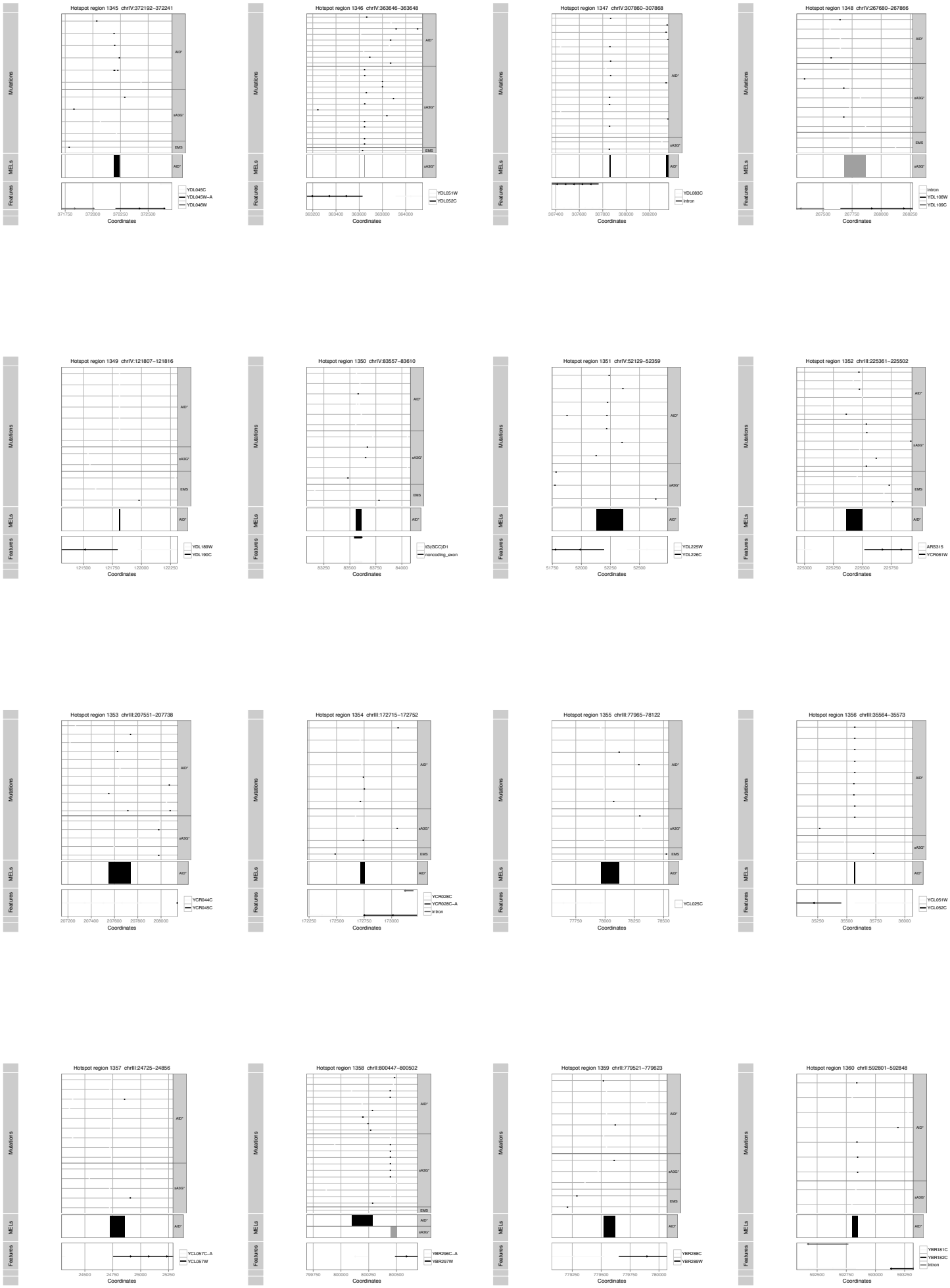

Hotspot region 1325 chrV:285110–285254
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YER065C
284750
285000
285250
285500
Coordinates

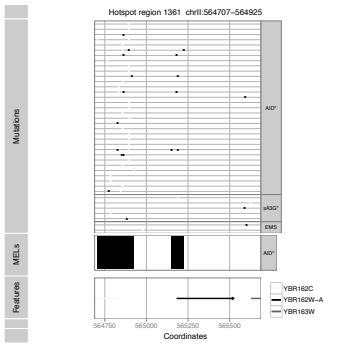

Hotspot region 1326 chrV:250303–250345
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
tQ(UUG)E1
YER048W–A
YERCsigma1
250000
250200
250400
250600
250800
Coordinates

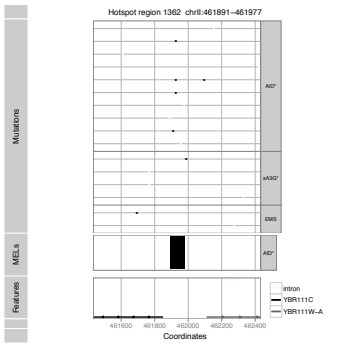

Hotspot region 1327 chrV:213264–213394
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YER029C
YER030W
213000
213200
213400
213600
213800
Coordinates

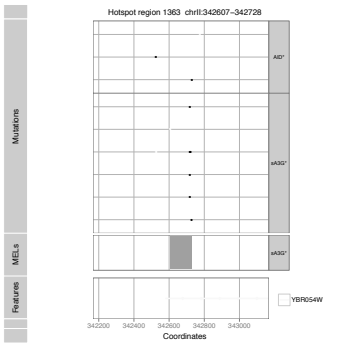

Hotspot region 1328 chrV:195040–195074
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YER019C–A
YER020W
194750
195000
195250
195500
Coordinates

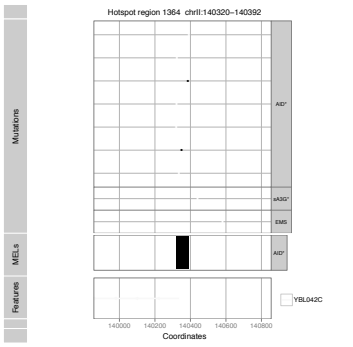

Hotspot region 1329 chrIV:160441–160490
Hotspot region 1330 chrIV:117792–118066
Hotspot region 1331 chrIV:7781–7922
Hotspot region 1332 chrIV:1500938–1501193
Hotspot region 1333 chrIV:1493123–1493154
Hotspot region 1334 chrIV:1305622–1305806
Hotspot region 1335 chrIV:1156812–1156919
Hotspot region 1336 chrIV:1039501–1039597
Hotspot region 1337 chrIV:980928–981142
Hotspot region 1338 chrIV:836291–836358
Hotspot region 1339 chrIV:789978–790168
Hotspot region 1340 chrIV:591421–591577
Hotspot region 1341 chrIV:587813–587964
Hotspot region 1342 chrIV:562247–562248
Hotspot region 1343 chrIV:442290–442421
Hotspot region 1344 chrIV:439573–439710
Mutations
MELs
Features
AID*
sA3G*
EMS
YER004W
YER005W
noncoding_exon
RPR1
YEL020W–A
YEL073C
YDR532C
YDR533C
snR84
ARS436
IS(AGA)D3
YDR419W
YDR420W
YDR289C
YDR291W
IS(AGA)D2
YDRWsdta19
YDRWTj2–3
YDR188W
YDR167W
YDR168W
YDR072C
YDR069C
YDR070C
YDR054C
YDL005C
YDL007W
YDL006W
Coordinates


Hotspot region 1345 chrIV:372192–372241
Mutations
MELs
Features
AID+
aA3G+
EMS
AID+
YDL045C
YDL045W–A
YDL046W
371750
372000
372250
372500
Coordinates
Hotspot region 1346 chrIV:363646–363648
YDL051W
YDL052C
363200
363400
363600
363800
364000
Hotspot region 1347 chrIV:307860–307868
YDL083C
intron
307400
307600
307800
308000
308200
Hotspot region 1348 chrIV:267680–267866
intron
YDL108W
YDL109C
267500
267750
268000
268250
Hotspot region 1349 chrIV:121807–121816
YDL189W
YDL190C
121500
121750
122000
122250
Hotspot region 1350 chrIV:83557–83610
IG(GCC)D1
noncoding_exon
83250
83500
83750
84000
Hotspot region 1351 chrIV:52129–52359
YDL225W
YDL226C
51750
52000
52250
52500
Hotspot region 1352 chrIII:225361–225502
ARS315
YCR061W
225000
225250
225500
225750
Hotspot region 1353 chrIII:207551–207738
YCR044C
YCR045C
207200
207400
207600
207800
208000
Hotspot region 1354 chrIII:172715–172752
YCR028C
YCR028C–A
intron
172250
172500
172750
173000
Hotspot region 1355 chrIII:77965–78122
YCL025C
77750
78000
78250
78500
Hotspot region 1356 chrIII:35564–35573
YCL051W
YCL052C
35250
35500
35750
36000
Hotspot region 1357 chrIII:24725–24856
YCL057C–A
YCL057W
24500
24750
25000
25250
Hotspot region 1358 chrII:800447–800502
YBR296C–A
YBR297W
799750
800000
800250
800500
Hotspot region 1359 chrII:779521–779623
YBR288C
YBR289W
779250
779500
779750
780000
Hotspot region 1360 chrII:592801–592848
YBR181C
YBR182C
intron
592500
592750
593000
593250


Hotspot region 1361 chrII:564707–564925
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YBR162C
YBR162W–A
YBR163W
564750
565000
565250
565500
Coordinates


Hotspot region 1362 chrII:461891–461977
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
intron
YBR111C
YBR111W–A
461600
461800
462000
462200
462400
Coordinates


Hotspot region 1363 chrII:342607–342728
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YBR054W
342200
342400
342600
342800
343000
Coordinates


Hotspot region 1364 chrII:140320–140392
Mutations
MELs
Features
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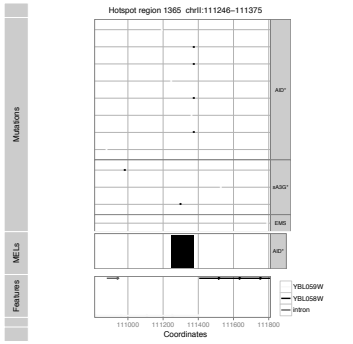
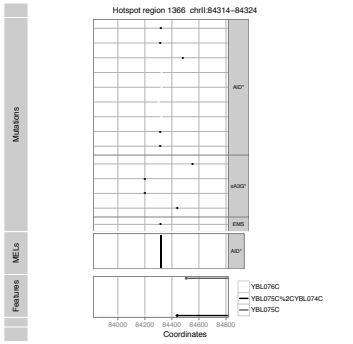
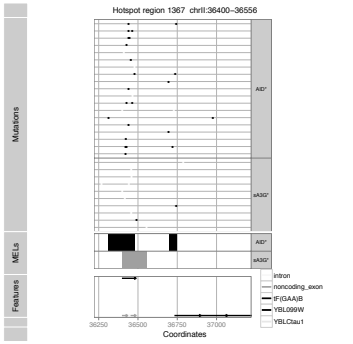
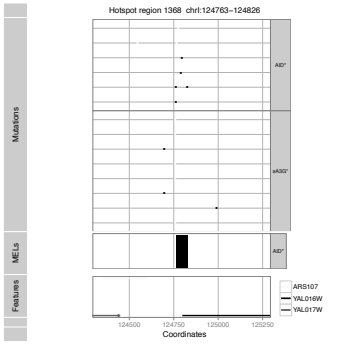
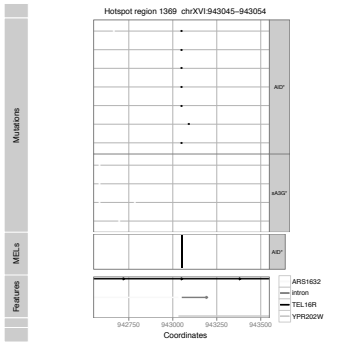
aA3G*
EMS
AID*
YBL042C
140000
140200
140400
140600
140800
Coordinates

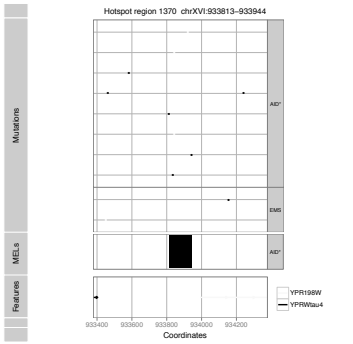

Hotspot region 1365 chrII:111246–111375
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YBL059W
YBL058W
intron
111000
111200
111400
111600
111800
Coordinates

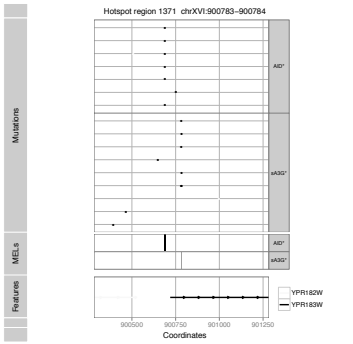

Hotspot region 1366 chrII:84314–84324
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YBL076C
YBL075C%2CYBL074C
YBL075C
84000
84200
84400
84600
84800
Coordinates

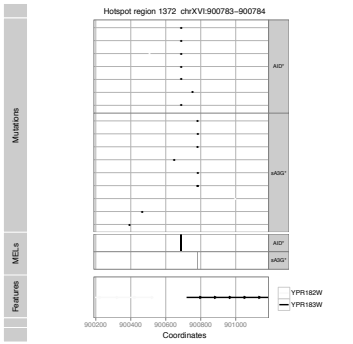

Hotspot region 1367 chrII:36400–36556
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
intron
noncoding_exon
tF(GAA)B
YBL099W
YBLCtau1
36250
36500
36750
37000
Coordinates

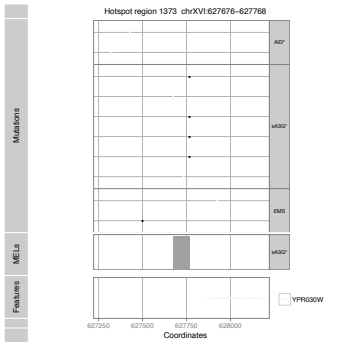

Hotspot region 1368 chrI:124763–124826
Mutations
MELs
Features
AID*
aA3G*
AID*
ARS107
YAL016W
YAL017W
124500
124750
125000
125250
Coordinates

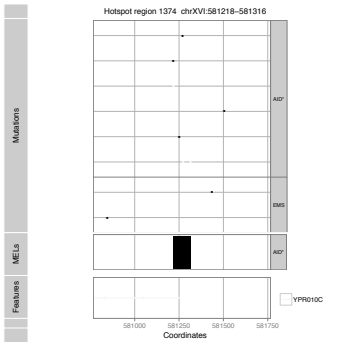

Hotspot region 1369 chrXVI:943045–943054
Mutations
MELs
Features
AID*
aA3G*
AID*
ARS1632
intron
TEL16R
YPR202W
942750
943000
943250
943500
Coordinates

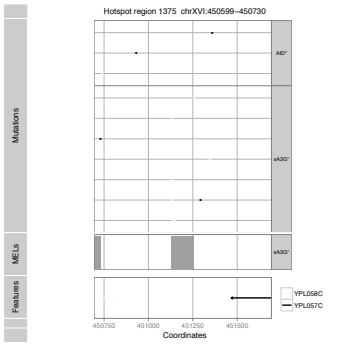

Hotspot region 1370 chrXVI:933813–933944
Mutations
MELs
Features
AID*
EMS
AID*
YPR198W
YPRWtau4
933400
933600
933800
934000
934200
Coordinates

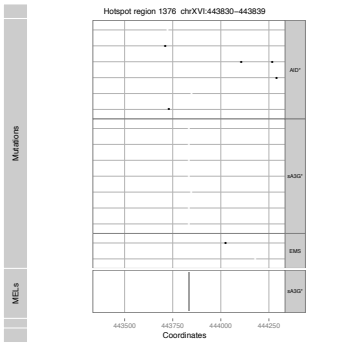

Hotspot region 1371 chrXVI:900783–900784
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
YPR182W
YPR183W
900500
900750
901000
901250
Coordinates

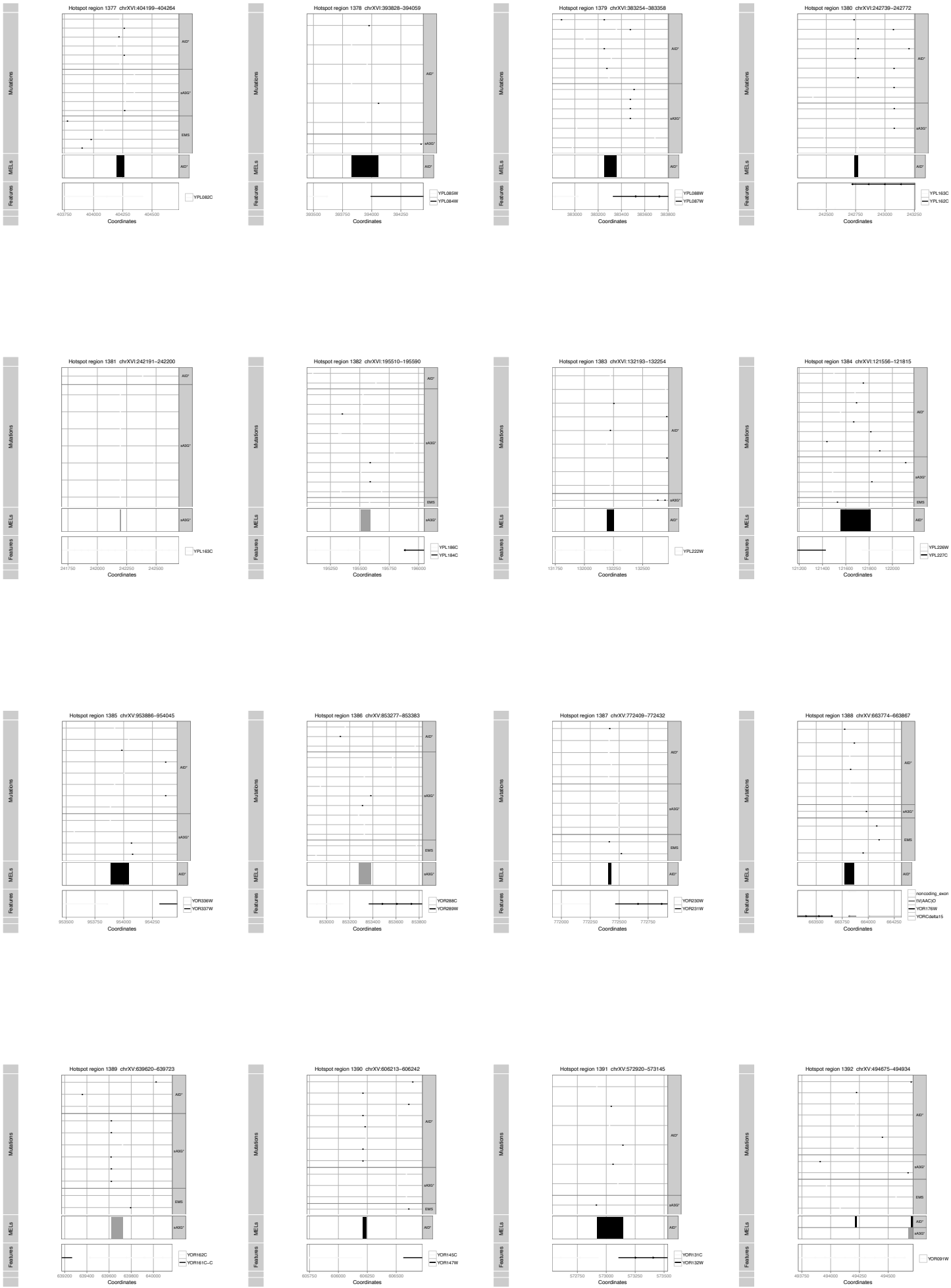

Hotspot region 1372 chrXVI:900783–900784
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
YPR182W
YPR183W
900200
900400
900600
900800
901000
Coordinates

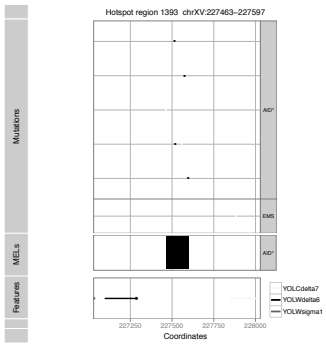

Hotspot region 1373 chrXVI:627676–627768
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YPR030W
627250
627500
627750
628000
Coordinates


Hotspot region 1374 chrXVI:581218–581316
Mutations
MELs
Features
AID*
EMS
AID*
YPR010C
581000
581250
581500
581750
Coordinates


Hotspot region 1375 chrXVI:450599–450730
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YPL058C
YPL057C
450750
451000
451250
451500
Coordinates


Hotspot region 1376 chrXVI:443830–443839
Mutations
MELs
AID*
aA3G*
EMS
aA3G*
443500
443750
444000
444250
Coordinates


Hotspot region 1377 chrXVI:404199–404264
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YPL082C
403750
404000
404250
404500
Coordinates
Hotspot region 1378 chrXVI:393828–394059
AID*
aA3G*
AID*
YPL085W
YPL084W
393500
393750
394000
394250
Coordinates
Hotspot region 1379 chrXVI:383254–383358
AID*
aA3G*
AID*
YPL088W
YPL087W
383000
383200
383400
383600
383800
Coordinates
Hotspot region 1380 chrXVI:242739–242772
AID*
aA3G*
AID*
YPL163C
YPL162C
242500
242750
243000
243250
Coordinates
Hotspot region 1381 chrXVI:242191–242200
AID*
aA3G*
aA3G*
YPL163C
241750
242000
242250
242500
Coordinates
Hotspot region 1382 chrXVI:195510–195590
AID*
aA3G*
EMS
aA3G*
YPL186C
YPL184C
195250
195500
195750
196000
Coordinates
Hotspot region 1383 chrXVI:132193–132254
AID*
aA3G*
AID*
YPL222W
131750
132000
132250
132500
Coordinates
Hotspot region 1384 chrXVI:121556–121815
AID*
aA3G*
EMS
AID*
YPL226W
YPL227C
121200
121400
121600
121800
122000
Coordinates
Hotspot region 1385 chrXV:953886–954045
AID*
aA3G*
AID*
YOR336W
YOR337W
953500
953750
954000
954250
Coordinates
Hotspot region 1386 chrXV:853277–853383
AID*
aA3G*
EMS
aA3G*
YOR288C
YOR289W
853000
853200
853400
853600
853800
Coordinates
Hotspot region 1387 chrXV:772409–772432
AID*
aA3G*
EMS
AID*
YOR230W
YOR231W
772000
772250
772500
772750
Coordinates
Hotspot region 1388 chrXV:663774–663867
AID*
aA3G*
EMS
AID*
noncoding_exon
IV(AACJ)
YOR176W
YORCdelta15
663500
663750
664000
664250
Coordinates
Hotspot region 1389 chrXV:639620–639723
AID*
aA3G*
EMS
aA3G*
YOR162C
YOR161C–C
639200
639400
639600
639800
640000
Coordinates
Hotspot region 1390 chrXV:606213–606242
AID*
aA3G*
EMS
AID*
YOR145C
YOR147W
605750
606000
606250
606500
Coordinates
Hotspot region 1391 chrXV:572920–573145
AID*
aA3G*
AID*
YOR131C
YOR132W
572750
573000
573250
573500
Coordinates
Hotspot region 1392 chrXV:494675–494934
AID*
aA3G*
EMS
AID*
aA3G*
YOR091W
493750
494000
494250
494500
Coordinates


Hotspot region 1393 chrXV:227463–227597
Mutations
MELs
Features
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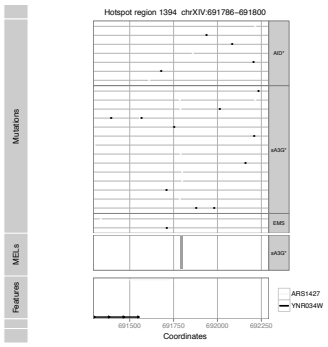
EMS
AID*
YOLCdelta7
YOLWdelta6
YOLWsigma1
227250
227500
227750
228000
Coordinates


Hotspot region 1394 chrXIV:691786–691800
Mutations
MELs
Features
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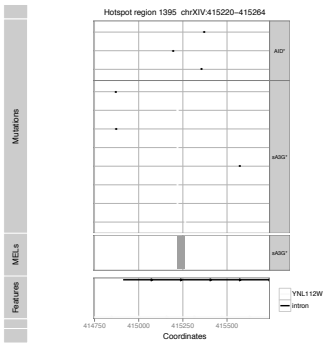
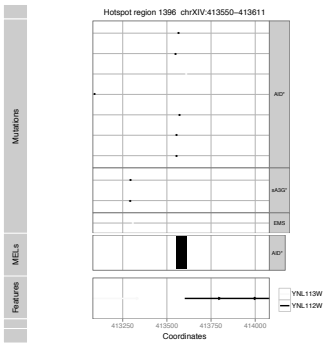
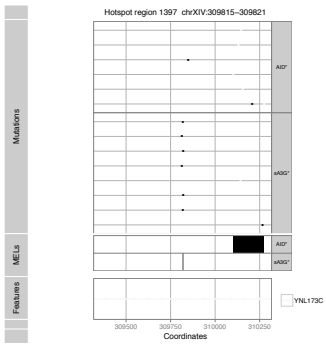
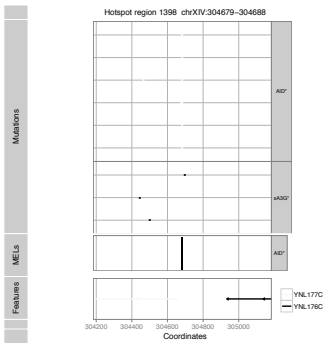
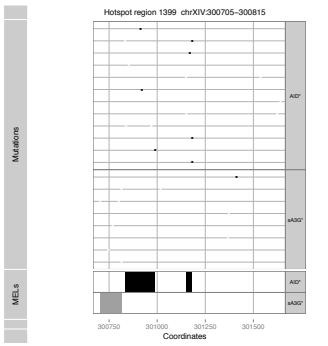
aA3G*
EMS
aA3G*
ARS1427
YNR034W
691500
691750
692000
692250
Coordinates

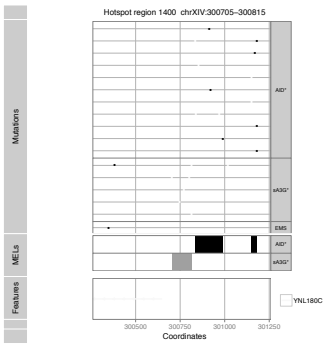

Hotspot region 1395 chrXIV:415220–415264
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YNL112W
intron
414750
415000
415250
415500
Coordinates

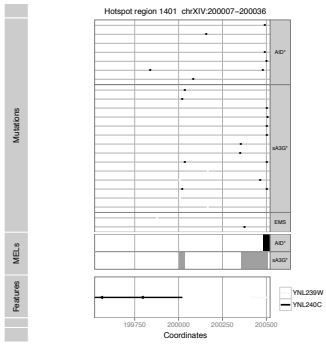

Hotspot region 1396 chrXIV:413550–413611
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YNL113W
YNL112W
413250
413500
413750
414000
Coordinates

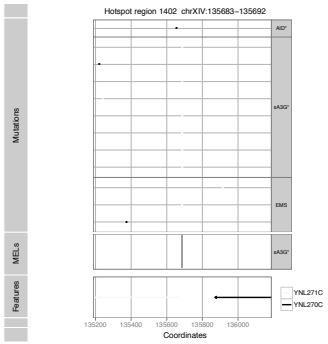

Hotspot region 1397 chrXIV:309815–309821
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
YNL173C
309500
309750
310000
310250
Coordinates

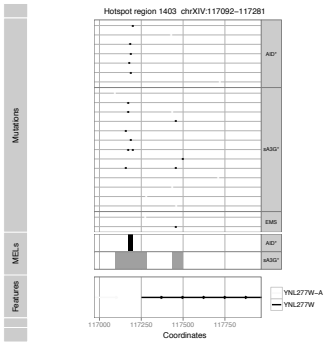

Hotspot region 1398 chrXIV:304679–304688
Mutations
MELs
Features
AID*
aA3G*
AID*
YNL177C
YNL176C
304200
304400
304600
304800
305000
Coordinates

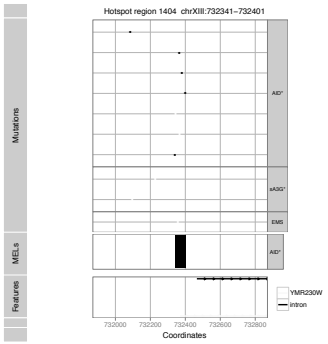

Hotspot region 1399 chrXIV:300705–300815
Mutations
MELs
AID*
aA3G*
AID*
aA3G*
300750
301000
301250
301500
Coordinates


Hotspot region 1400 chrXIV:300705–300815
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YNL180C
300500
300750
301000
301250
Coordinates


Hotspot region 1401 chrXIV:200007–200036
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YNL239W
YNL240C
199750
200000
200250
200500
Coordinates


Hotspot region 1402 chrXIV:135683–135692
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YNL271C
YNL270C
135200
135400
135600
135800
136000
Coordinates


Hotspot region 1403 chrXIV:117092–117281
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YNL277W–A
YNL277W
117000
117250
117500
117750
Coordinates


Hotspot region 1404 chrXIII:732341–732401
Mutations
MELs
Features
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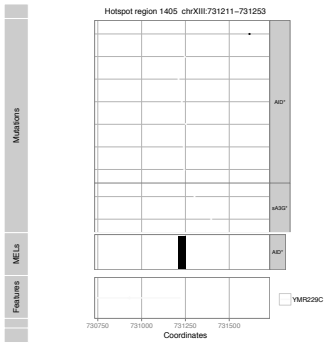
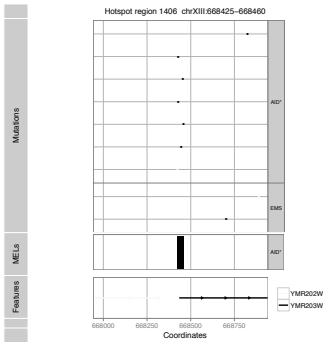
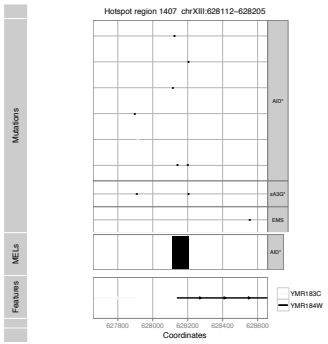
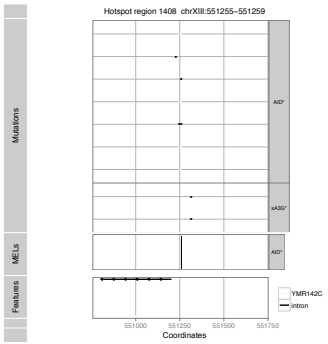
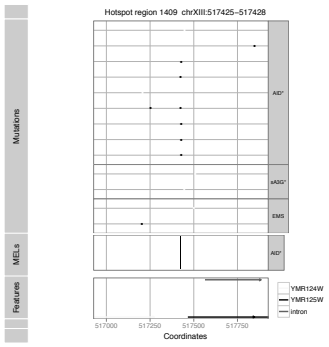
aA3G*
EMS
AID*
YMR230W
intron
732000
732200
732400
732600
732800
Coordinates

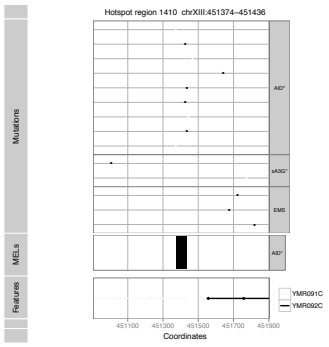

Hotspot region 1405 chrXIII:731211–731253
Mutations
MELs
Features
AID*
aA3G*
AID*
YMR229C
730750
731000
731250
731500
Coordinates

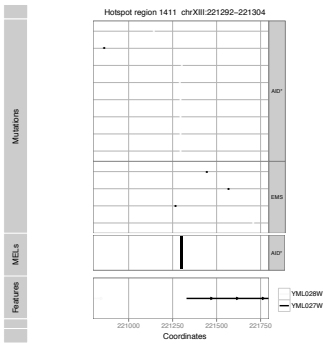

Hotspot region 1406 chrXIII:668425–668460
Mutations
MELs
Features
AID*
EMS
AID*
YMR202W
YMR203W
668000
668250
668500
668750
Coordinates

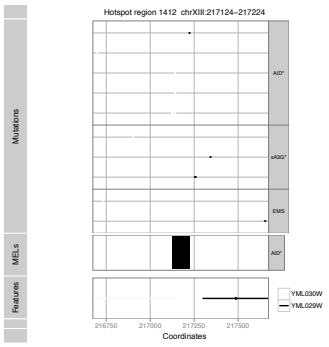

Hotspot region 1407 chrXIII:628112–628205
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YMR183C
YMR184W
627800
628000
628200
628400
628600
Coordinates

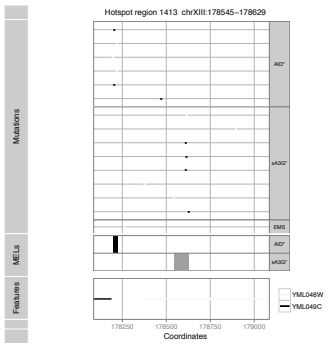

Hotspot region 1408 chrXIII:551255–551259
Mutations
MELs
Features
AID*
aA3G*
AID*
YMR142C
intron
551000
551250
551500
551750
Coordinates

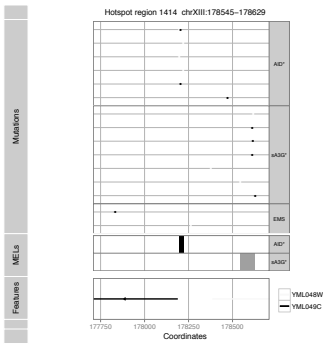

Hotspot region 1409 chrXIII:517425–517428
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YMR124W
YMR125W
intron
517000
517250
517500
517750
Coordinates

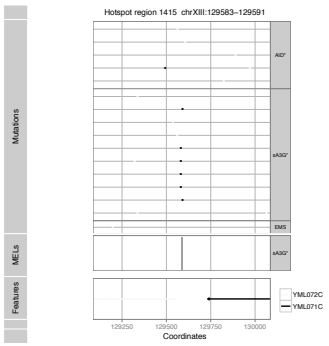

Hotspot region 1410 chrXIII:451374–451436
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YMR091C
YMR092C
451100
451300
451500
451700
451900
Coordinates

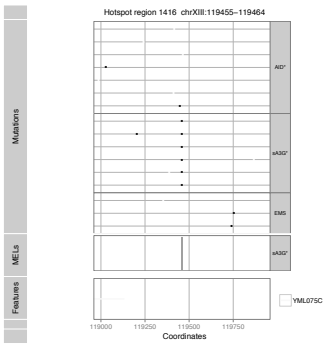

Hotspot region 1411 chrXIII:221292–221304
Mutations
MELs
Features
AID*
EMS
AID*
YML028W
YML027W
221000
221250
221500
221750
Coordinates

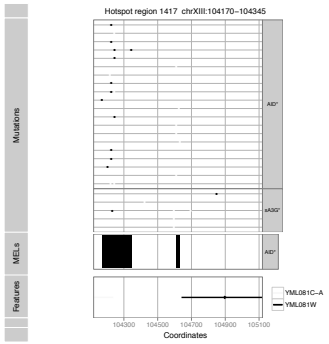

Hotspot region 1412 chrXIII:217124–217224
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YML030W
YML029W
216750
217000
217250
217500
Coordinates

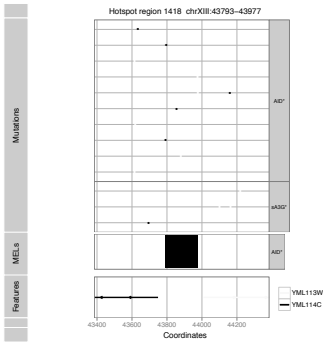

Hotspot region 1413 chrXIII:178545–178629
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YML048W
YML049C
178250
178500
178750
179000
Coordinates

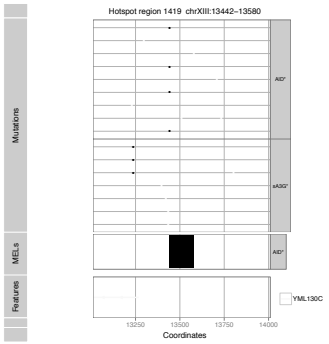

Hotspot region 1414 chrXIII:178545–178629
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YML048W
YML049C
177750
178000
178250
178500
Coordinates

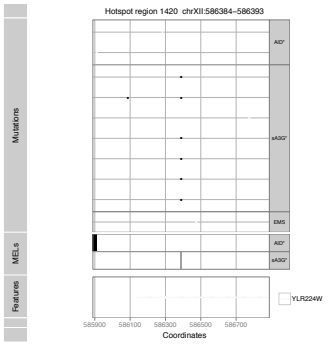

Hotspot region 1415 chrXIII:129583–129591
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YML072C
YML071C
129250
129500
129750
130000
Coordinates

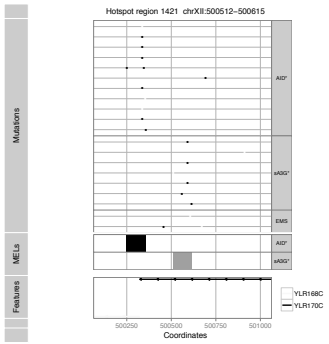

Hotspot region 1416 chrXIII:119455–119464
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YML075C
119000
119250
119500
119750
Coordinates

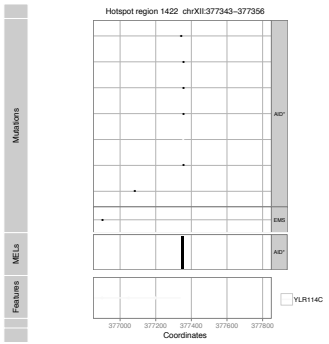

Hotspot region 1417 chrXIII:104170–104345
Mutations
MELs
Features
AID*
aA3G*
AID*
YML081C–A
YML081W
104300
104500
104700
104900
105100
Coordinates

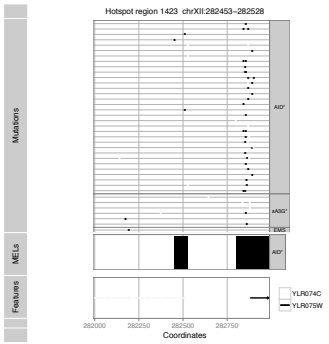

Hotspot region 1418 chrXIII:43793–43977
Mutations
MELs
Features
AID*
aA3G*
AID*
YML113W
YML114C
43400
43600
43800
44000
44200
Coordinates

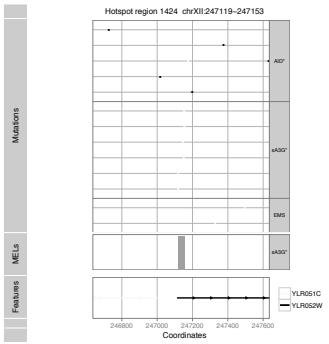

Hotspot region 1419 chrXIII:13442–13580
Mutations
MELs
Features
AID*
aA3G*
AID*
YML130C
13250
13500
13750
14000
Coordinates

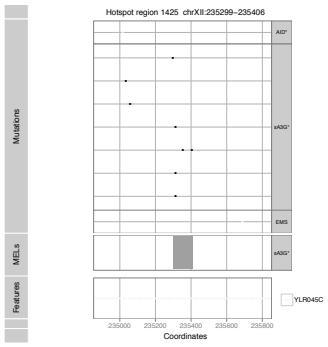

Hotspot region 1420 chrXII:586384–586393
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YLR224W
585900
586100
586300
586500
586700
Coordinates

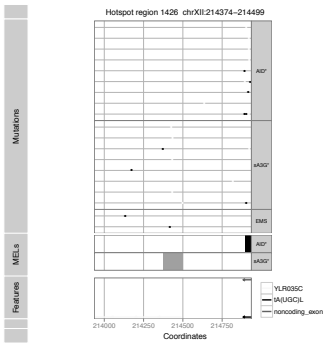

Hotspot region 1421 chrXII:500512–500615
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YLR168C
YLR170C
500250
500500
500750
501000
Coordinates

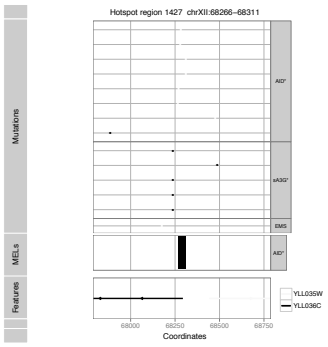

Hotspot region 1422 chrXII:377343–377356
Mutations
MELs
Features
AID*
EMS
AID*
YLR114C
377000
377200
377400
377600
377800
Coordinates

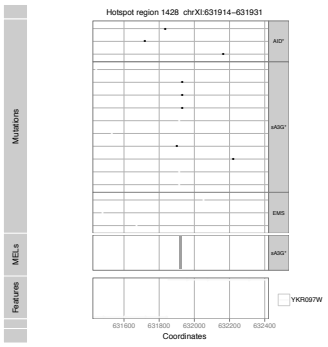

Hotspot region 1423 chrXII:282453–282528
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YLR074C
YLR075W
282000
282250
282500
282750
Coordinates

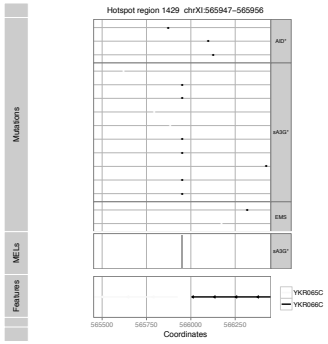

Hotspot region 1424 chrXII:247119–247153
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YLR051C
YLR052W
246800
247000
247200
247400
247600
Coordinates

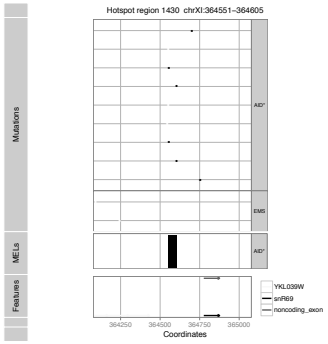

Hotspot region 1425 chrXII:235299–235406
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YLR045C
235000
235200
235400
235600
235800
Coordinates

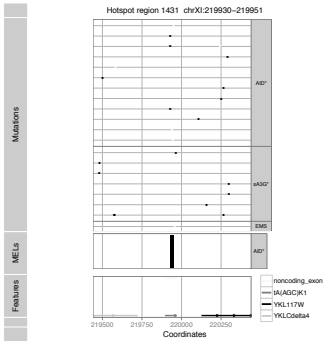

Hotspot region 1426 chrXII:214374–214499
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
YLR035C
tA(UGC)L
noncoding_exon
214000
214250
214500
214750
Coordinates

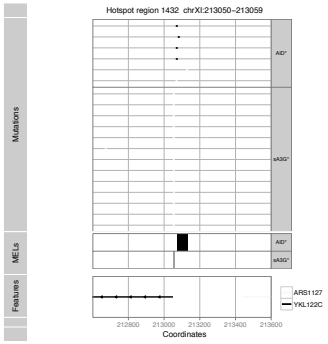

Hotspot region 1427 chrXII:68266–68311
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YLL035W
YLL036C
68000
68250
68500
68750
Coordinates

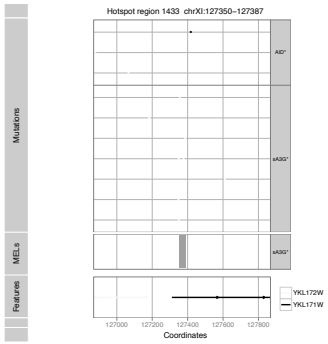

Hotspot region 1428 chrXI:631914–631931
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YKR097W
631600
631800
632000
632200
632400
Coordinates

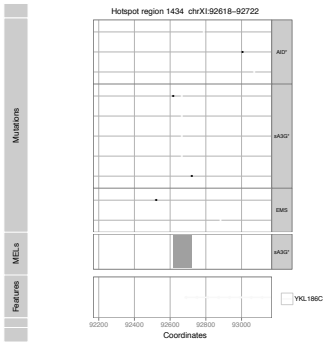

Hotspot region 1429 chrXI:565947–565956
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YKR065C
YKR066C
565500
565750
566000
566250
Coordinates

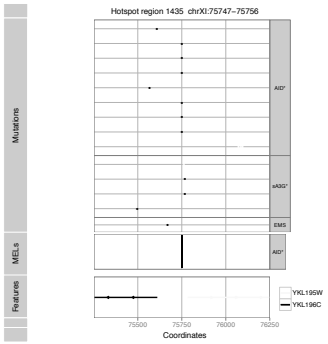

Hotspot region 1430 chrXI:364551–364605
Mutations
MELs
Features
AID*
EMS
AID*
YKL039W
snR69
noncoding_exon
364250
364500
364750
365000
Coordinates

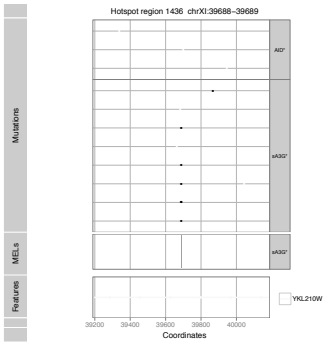

Hotspot region 1431 chrXI:219930–219951
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
tA(AGC)K1
YKL117W
YKLCdelta4
219500
219750
220000
220250
Coordinates

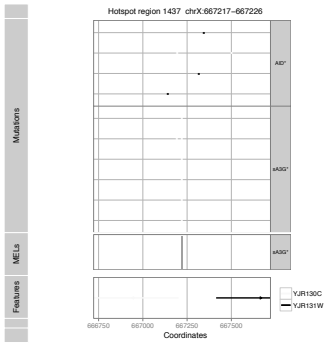

Hotspot region 1432 chrXI:213050–213059
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
ARS1127
YKL122C
212800
213000
213200
213400
213600
Coordinates

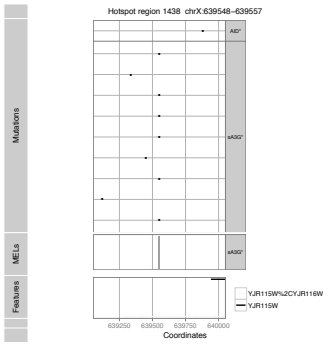

Hotspot region 1433 chrXI:127350–127387
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YKL172W
YKL171W
127000
127200
127400
127600
127800
Coordinates

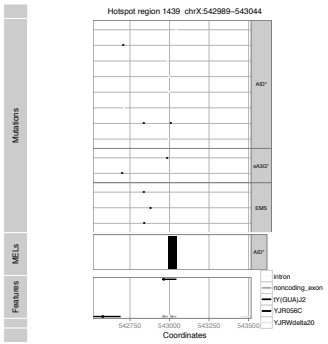

Hotspot region 1434 chrXI:92618–92722
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YKL186C
92200
92400
92600
92800
93000
Coordinates

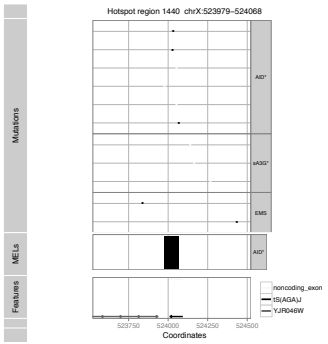

Hotspot region 1435 chrXI:75747–75756
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YKL195W
YKL196C
75500
75750
76000
76250
Coordinates

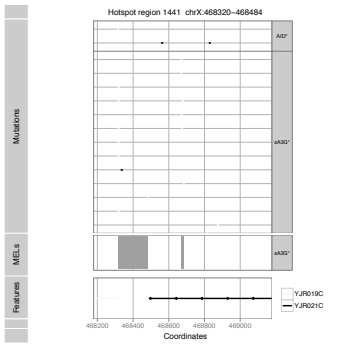

Hotspot region 1436 chrXI:39688–39689
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YKL210W
39200
39400
39600
39800
40000
Coordinates

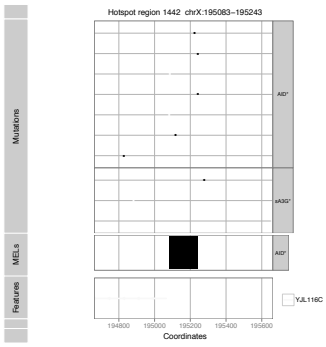

Hotspot region 1437 chrX:667217–667226
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YJR130C
YJR131W
666750
667000
667250
667500
Coordinates

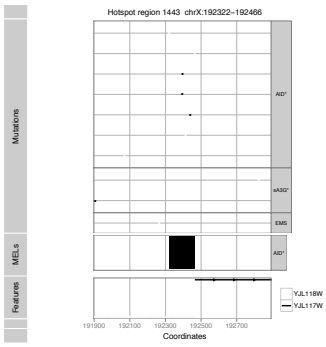

Hotspot region 1438 chrX:639548–639557
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YJR115W%2CYJR116W
YJR115W
639250
639500
639750
640000
Coordinates

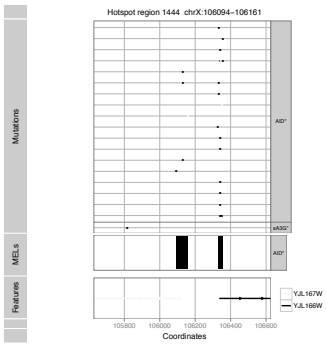

Hotspot region 1439 chrX:542989–543044
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
intron
noncoding_exon
tY(GUA)J2
YJR056C
YJRWdelta20
542750
543000
543250
543500
Coordinates

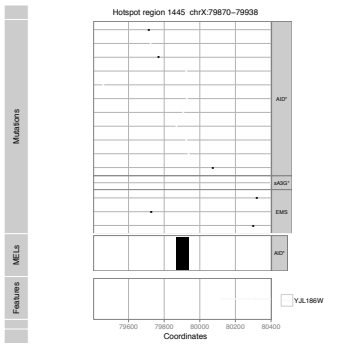

Hotspot region 1440 chrX:523979–524068
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
noncoding_exon
tS(AGA)J
YJR046W
523750
524000
524250
524500
Coordinates

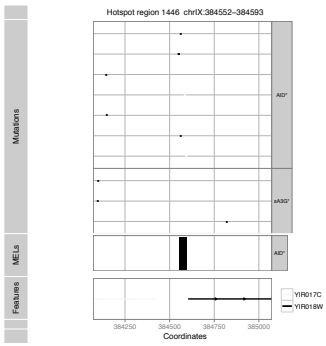

Hotspot region 1441 chrX:468320–468484
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YJR019C
YJR021C
468200
468400
468600
468800
469000
Coordinates

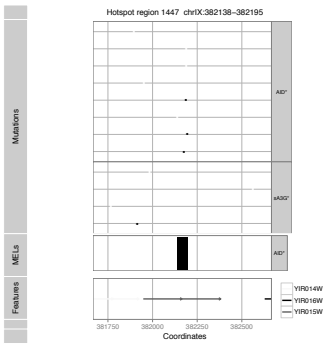

Hotspot region 1442 chrX:195083–195243
Mutations
MELs
Features
AID*
aA3G*
AID*
YJL116C
194800
195000
195200
195400
195600
Coordinates

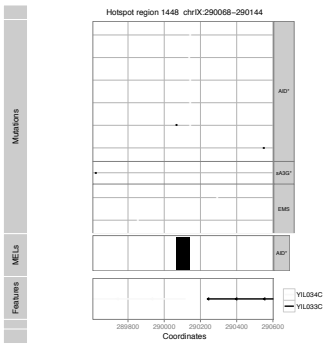

Hotspot region 1443 chrX:192322–192466
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YJL118W
YJL117W
191900
192100
192300
192500
192700
Coordinates

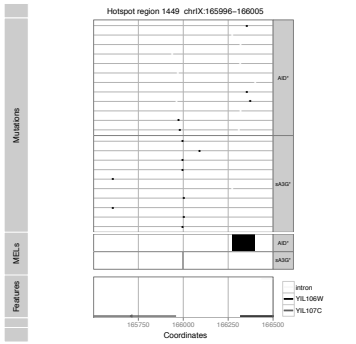

Hotspot region 1444 chrX:106094–106161
Mutations
MELs
Features
AID*
aA3G*
AID*
YJL167W
YJL166W
105800
106000
106200
106400
106600
Coordinates

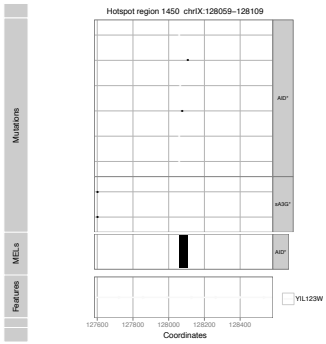

Hotspot region 1445 chrX:79870–79938
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YJL186W
79600
79800
80000
80200
80400
Coordinates

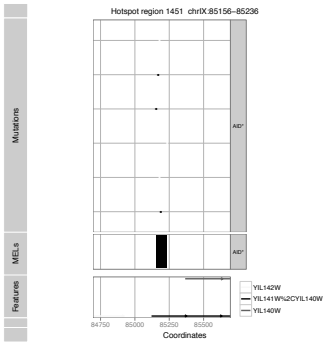

Hotspot region 1446 chrIX:384552–384593
Mutations
MELs
Features
AID*
aA3G*
AID*
YIR017C
YIR018W
384250
384500
384750
385000
Coordinates

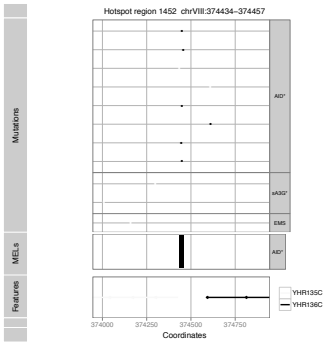

Hotspot region 1447 chrIX:382138–382195
Mutations
MELs
Features
AID*
aA3G*
AID*
YIR014W
YIR016W
YIR015W
381750
382000
382250
382500
Coordinates

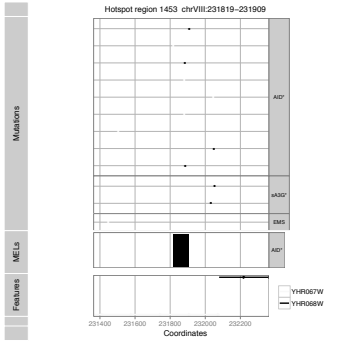

Hotspot region 1448 chrIX:290068–290144
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YIL034C
YIL033C
289800
290000
290200
290400
290600
Coordinates

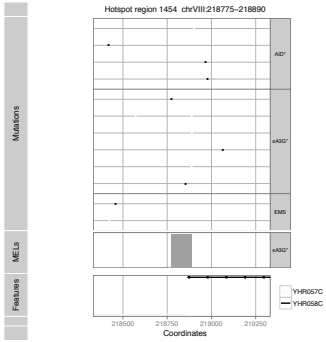

Hotspot region 1449 chrIX:165996–166005
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
intron
YIL106W
YIL107C
165750
166000
166250
166500
Coordinates

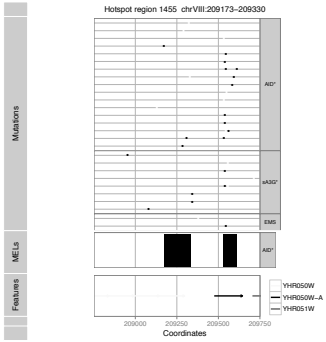

Hotspot region 1450 chrIX:128059–128109
Mutations
MELs
Features
AID*
aA3G*
AID*
YIL123W
127600
127800
128000
128200
128400
Coordinates

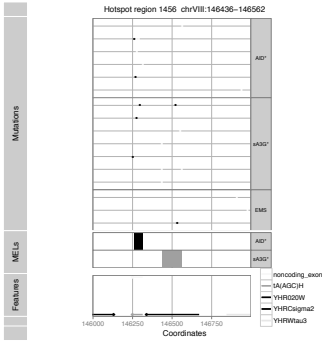

Hotspot region 1451 chrIX:85156–85236
Mutations
MELs
Features
AID*
AID*
YIL142W
YIL141W%2CYIL140W
YIL140W
84750
85000
85250
85500
Coordinates

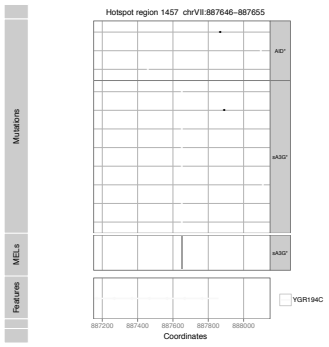

Hotspot region 1452 chrVIII:374434–374457
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR135C
YHR136C
374000
374250
374500
374750
Coordinates

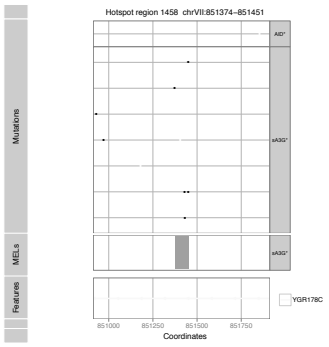

Hotspot region 1453 chrVIII:231819–231909
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR067W
YHR068W
231400
231600
231800
232000
232200
Coordinates

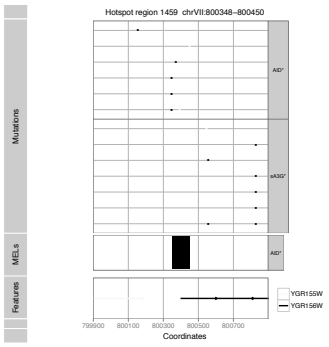

Hotspot region 1454 chrVIII:218775–218890
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YHR057C
YHR058C
218500
218750
219000
219250
Coordinates

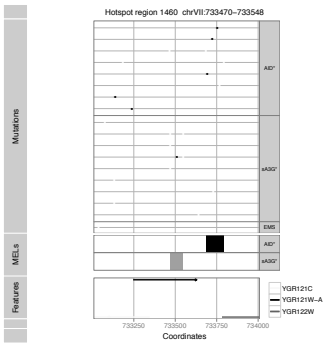

Hotspot region 1455 chrVIII:209173–209330
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YHR050W
YHR050W–A
YHR051W
209000
209250
209500
209750
Coordinates

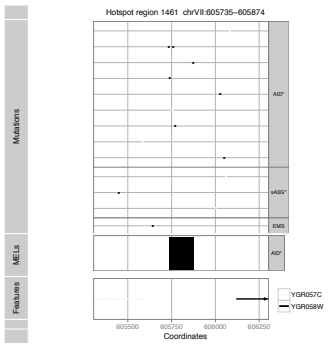

Hotspot region 1456 chrVIII:146436–146562
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
aA3G*
noncoding_exon
UA(AGC)H
YHR020W
YHRCsigma2
YHRWtau3
146000
146250
146500
146750
Coordinates

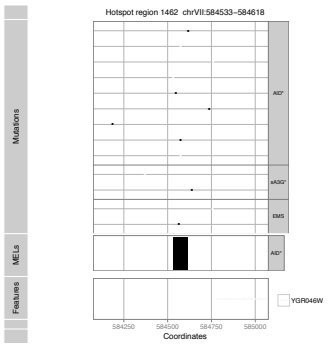

Hotspot region 1457 chrVII:887646–887655
Mutations
MELs
Features
AID+
sA3G+
sA3G+
YGR194C
887200
887400
887600
887800
888000
Coordinates

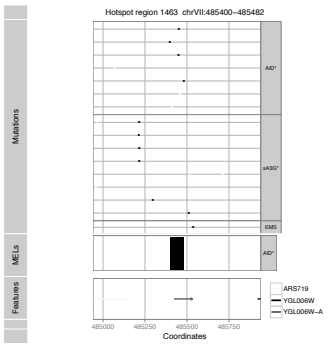

Hotspot region 1458 chrVII:851374–851451
Mutations
MELs
Features
AID+
sA3G+
sA3G+
YGR178C
851000
851250
851500
851750
Coordinates

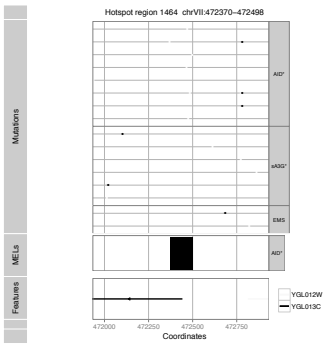

Hotspot region 1459 chrVII:800348–800450
Mutations
MELs
Features
AID+
sA3G+
AID+
YGR155W
YGR156W
799900
800100
800300
800500
800700
Coordinates

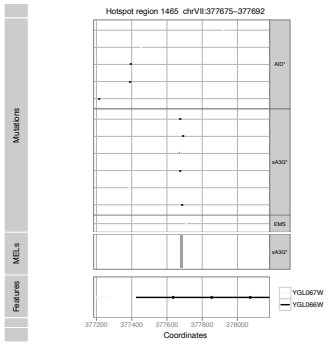

Hotspot region 1460 chrVII:733470–733548
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
sA3G+
YGR121C
YGR121W–A
YGR122W
733250
733500
733750
734000
Coordinates

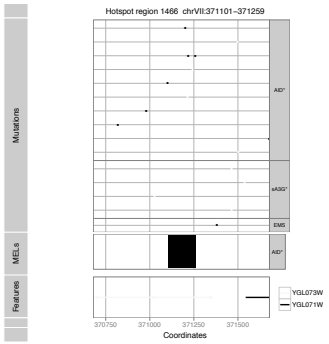

Hotspot region 1461 chrVII:605735–605874
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
YGR057C
YGR058W
605500
605750
606000
606250
Coordinates

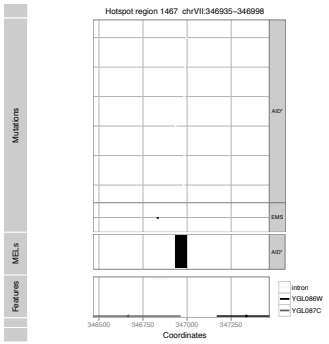

Hotspot region 1462 chrVII:584533–584618
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
YGR046W
584250
584500
584750
585000
Coordinates

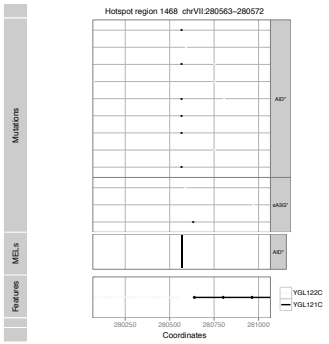

Hotspot region 1463 chrVII:485400–485482
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
ARS719
YGL006W
YGL006W–A
485000
485250
485500
485750
Coordinates

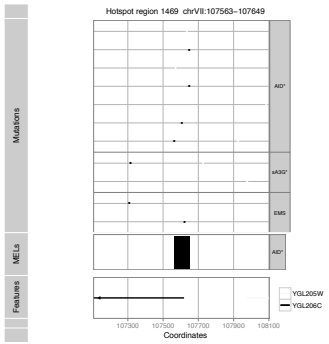

Hotspot region 1464 chrVII:472370–472498
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
YGL012W
YGL013C
472000
472250
472500
472750
Coordinates

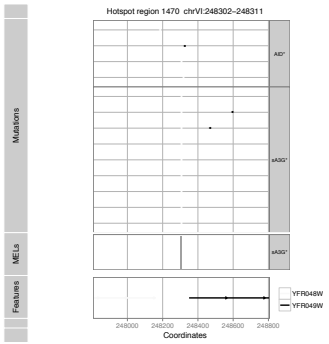

Hotspot region 1465 chrVII:377675–377692
Mutations
MELs
Features
AID+
sA3G+
EMS
sA3G+
YGL067W
YGL066W
377200
377400
377600
377800
378000
Coordinates

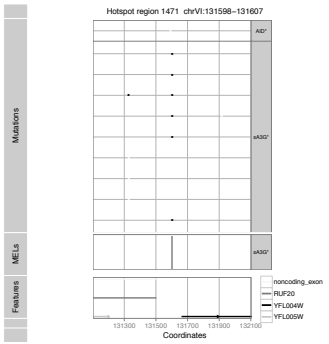

Hotspot region 1466 chrVII:371101–371259
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
YGL073W
YGL071W
370750
371000
371250
371500
Coordinates

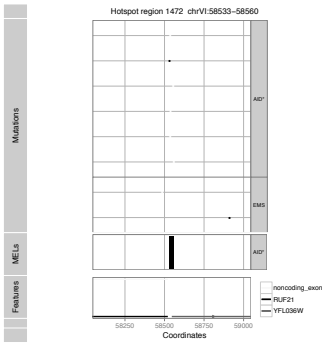

Hotspot region 1467 chrVII:346935–346998
Mutations
MELs
Features
AID+
EMS
AID+
intron
YGL086W
YGL087C
346500
346750
347000
347250
Coordinates

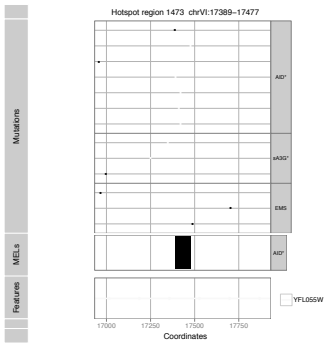

Hotspot region 1468 chrVII:280563–280572
Mutations
MELs
Features
AID+
sA3G+
AID+
YGL122C
YGL121C
280250
280500
280750
281000
Coordinates

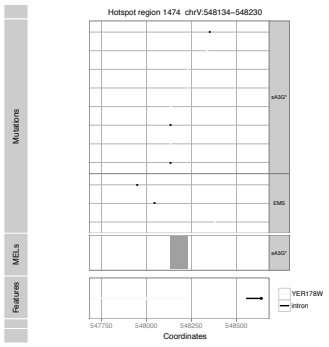

Hotspot region 1469 chrVII:107563–107649
Mutations
MELs
Features
AID+
sA3G+
EMS
AID+
YGL205W
YGL206C
107300
107500
107700
107900
108100
Coordinates

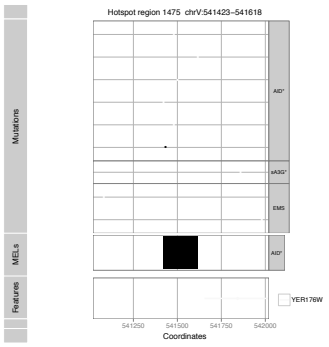

Hotspot region 1470 chrVI:248302–248311
Mutations
MELs
Features
AID+
sA3G+
sA3G+
YFR048W
YFR049W
248000
248200
248400
248600
248800
Coordinates

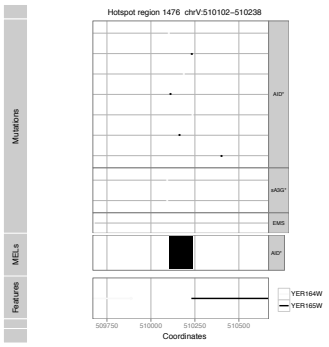

Hotspot region 1471 chrVI:131598–131607
Mutations
MELs
Features
AID+
sA3G+
sA3G+
noncoding_exon
RUF20
YFL004W
YFL005W
131300
131500
131700
131900
132100
Coordinates

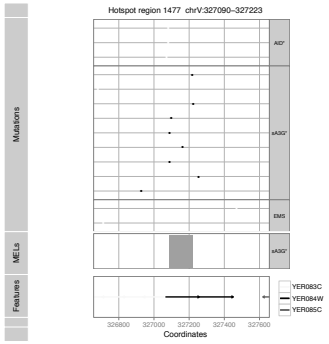

Hotspot region 1472 chrVI:58533–58560
Mutations
MELs
Features
AID+
EMS
AID+
noncoding_exon
RUF21
YFL036W
58250
58500
58750
59000
Coordinates

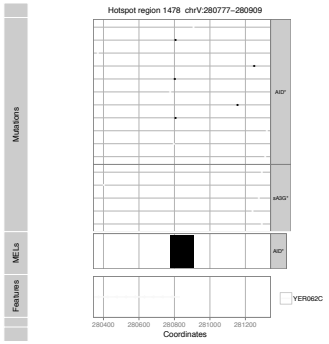

Hotspot region 1473 chrVI:17389–17477
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YFL055W
17000
17250
17500
17750
Coordinates

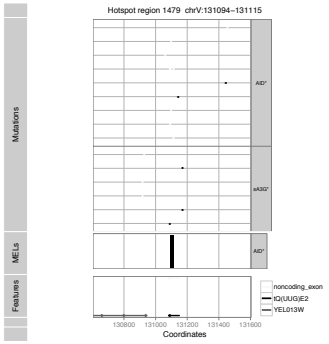

Hotspot region 1474 chrV:548134–548230
Mutations
MELs
Features
aA3G*
EMS
aA3G*
YER178W
intron
547750
548000
548250
548500
Coordinates

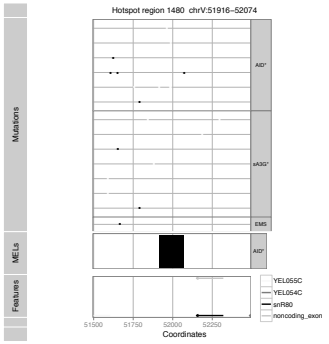

Hotspot region 1475 chrV:541423–541618
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YER178W
541250
541500
541750
542000
Coordinates

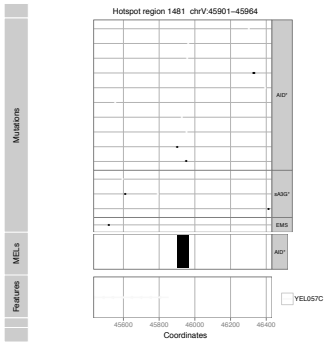

Hotspot region 1476 chrV:510102–510238
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YER164W
YER165W
509750
510000
510250
510500
Coordinates

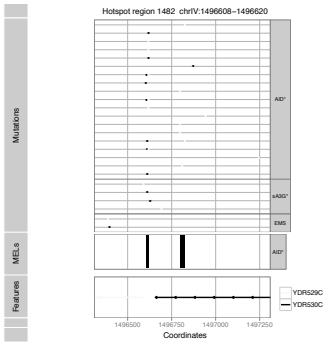

Hotspot region 1477 chrV:327090–327223
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YER083C
YER084W
YER085C
326800
327000
327200
327400
327600
Coordinates

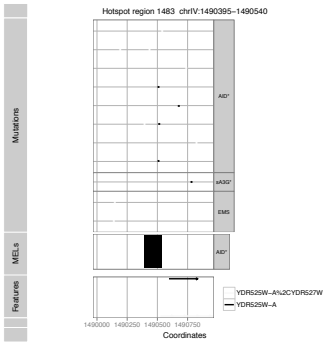

Hotspot region 1478 chrV:280777–280909
Mutations
MELs
Features
AID*
aA3G*
AID*
YER062C
280400
280600
280800
281000
281200
Coordinates

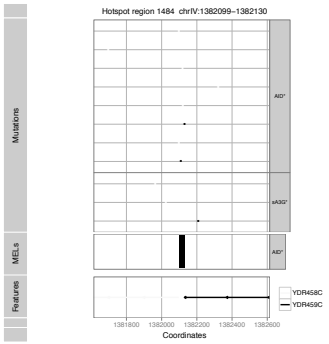

Hotspot region 1479 chrV:131094–131115
Mutations
MELs
Features
AID*
aA3G*
AID*
noncoding_exon
IQ(UU)E2
YEL013W
130800
131000
131200
131400
131600
Coordinates

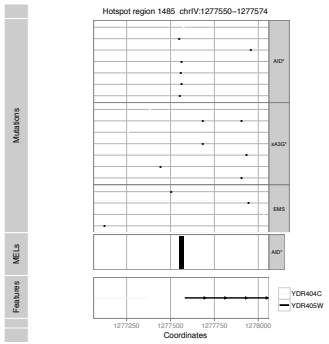

Hotspot region 1480 chrV:51916–52074
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YEL055C
YEL054C
snR80
noncoding_exon
51500
51750
52000
52250
Coordinates

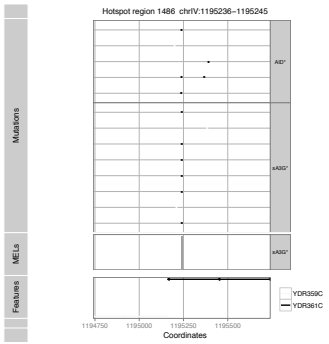

Hotspot region 1481 chrV:45901–45964
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YEL057C
45600
45800
46000
46200
46400
Coordinates

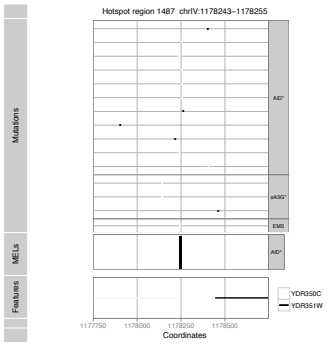

Hotspot region 1482 chrIV:1496608–1496620
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR529C
YDR530C
1496500
1496750
1497000
1497250
Coordinates

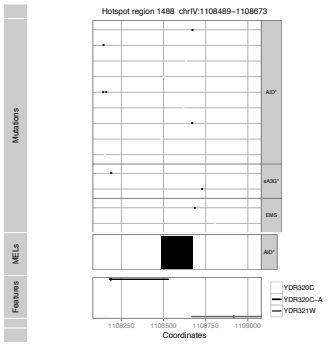

Hotspot region 1483 chrIV:1490395–1490540
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR525W–A%2CYDR527W
YDR525W–A
1490000
1490250
1490500
1490750
Coordinates

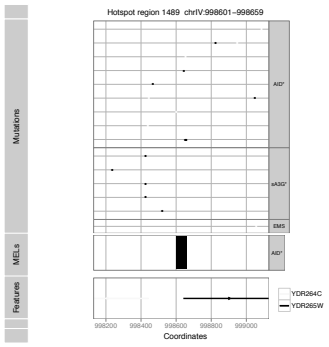

Hotspot region 1484 chrIV:1382099–1382130
Mutations
MELs
Features
AID*
aA3G*
AID*
YDR458C
YDR459C
1381800
1382000
1382200
1382400
1382600
Coordinates

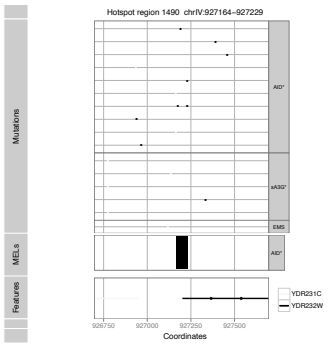

Hotspot region 1485 chrIV:1277550–1277574
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR404C
YDR405W
1277250
1277500
1277750
1278000
Coordinates

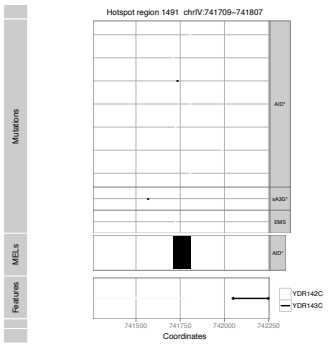

Hotspot region 1486 chrIV:1195236–1195245
Mutations
MELs
Features
AID*
aA3G*
aA3G*
YDR359C
YDR361C
1194750
1195000
1195250
1195500
Coordinates

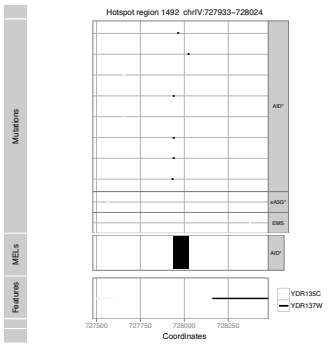

Hotspot region 1487 chrIV:1178243–1178255
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR350C
YDR351W
1177750
1178000
1178250
1178500
Coordinates

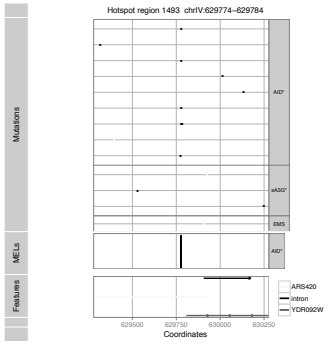

Hotspot region 1488 chrIV:1108489–1108673
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR320C
YDR320C–A
YDR321W
1108250
1108500
1108750
1109000
Coordinates

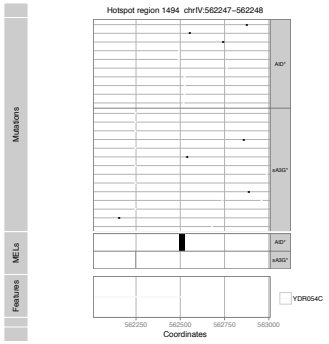

Hotspot region 1489 chrIV:998601–998659
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR264C
YDR265W
998200
998400
998600
998800
999000
Coordinates

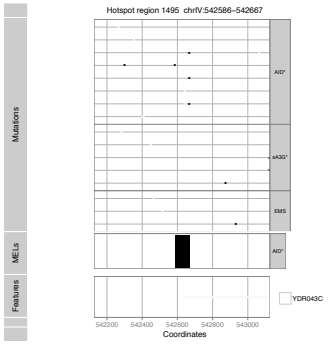

Hotspot region 1490 chrIV:927164–927229
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR231C
YDR232W
926750
927000
927250
927500
Coordinates

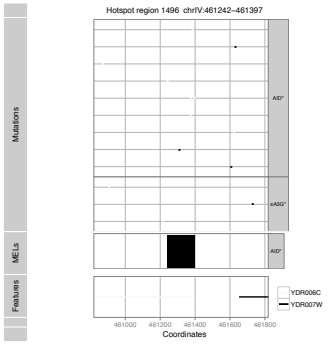

Hotspot region 1491 chrIV:741709–741807
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR142C
YDR143C
741500
741750
742000
742250
Coordinates

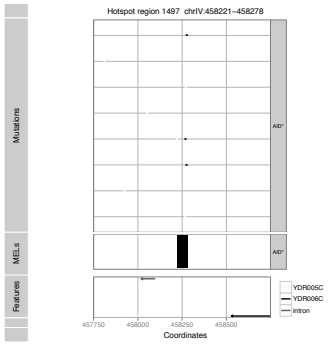

Hotspot region 1492 chrIV:727933–728024
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR135C
YDR137W
727500
727750
728000
728250
Coordinates

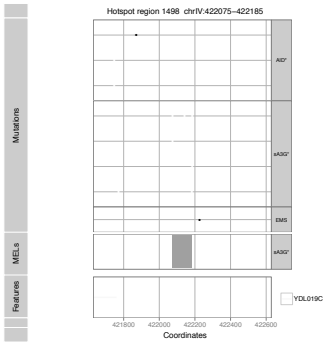

Hotspot region 1493 chrIV:629774–629784
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
ARS420
intron
YDR092W
629500
629750
630000
630250
Coordinates

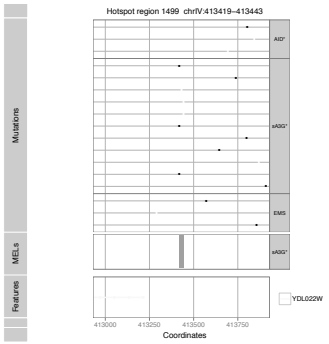

Hotspot region 1494 chrIV:562247–562248
Mutations
MELs
Features
AID*
aA3G*
AID*
aA3G*
YDR054C
562250
562500
562750
563000
Coordinates

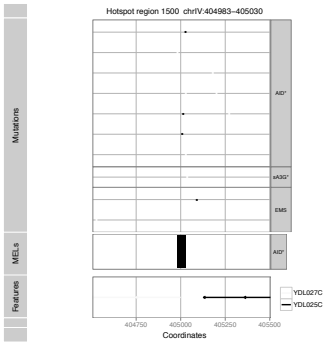

Hotspot region 1495 chrIV:542586–542667
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDR043C
542200
542400
542600
542800
543000
Coordinates

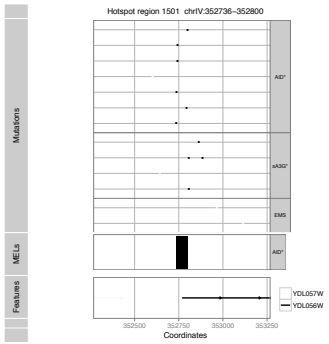

Hotspot region 1496 chrIV:461242–461397
Mutations
MELs
Features
AID*
aA3G*
AID*
YDR006C
YDR007W
461000
461200
461400
461600
461800
Coordinates

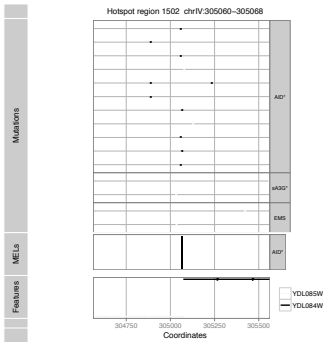

Hotspot region 1497 chrIV:458221–458278
Mutations
MELs
Features
AID*
AID*
YDR005C
YDR006C
intron
457750
458000
458250
458500
Coordinates

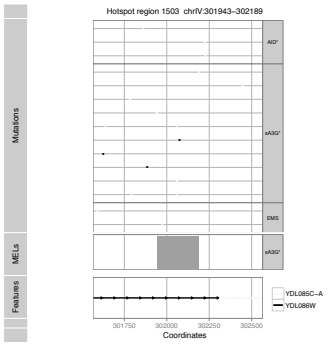

Hotspot region 1498 chrIV:422075–422185
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YDL019C
421800
422000
422200
422400
422600
Coordinates

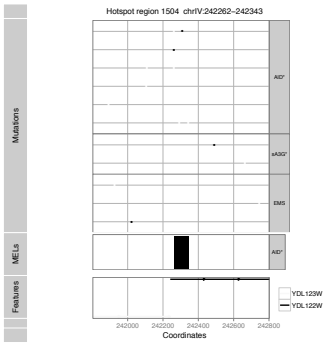

Hotspot region 1499 chrIV:413419–413443
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YDL022W
413000
413250
413500
413750
Coordinates

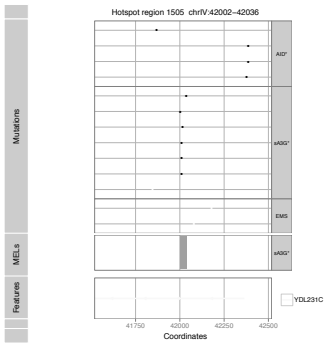

Hotspot region 1500 chrIV:404983–405030
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL027C
YDL025C
404750
405000
405250
405500
Coordinates

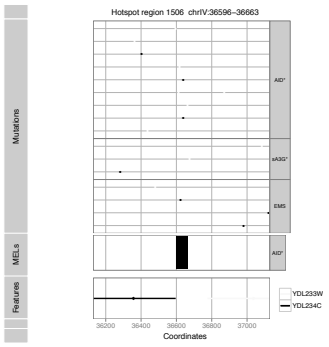

Hotspot region 1501 chrIV:352736–352800
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL057W
YDL056W
352500
352750
353000
353250
Coordinates

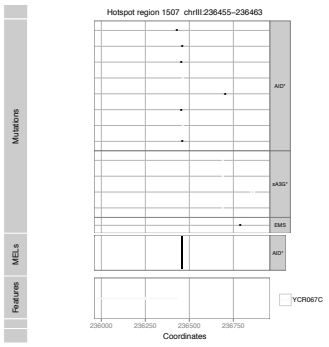

Hotspot region 1502 chrIV:305060–305068
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL085W
YDL084W
304750
305000
305250
305500
Coordinates

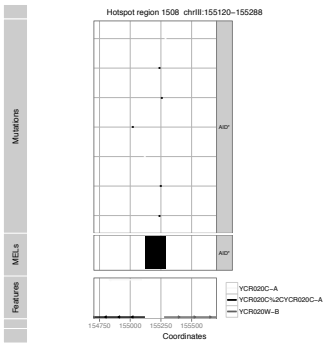

Hotspot region 1503 chrIV:301943–302189
Mutations
MELs
Features
AID*
aA3G*
EMS
aA3G*
YDL085C–A
YDL086W
301750
302000
302250
302500
Coordinates

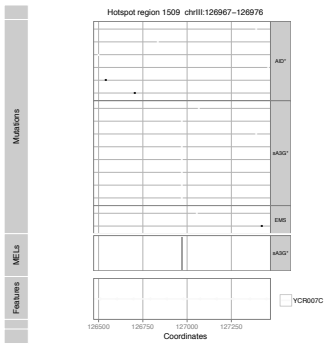

Hotspot region 1504 chrIV:242262–242343
Mutations
MELs
Features
AID*
aA3G*
EMS
AID*
YDL123W
YDL122W
242000
242200
242400
242600
242800
Coordinates

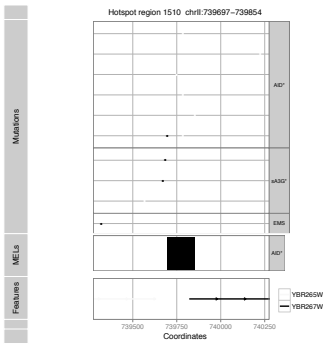

Hotspot region 1505 chrIV:42002–42036
Mutations
MELs
Features
AID*
sA3G*
EMS
sA3G*
YDL231C
41750
42000
42250
42500
Coordinates

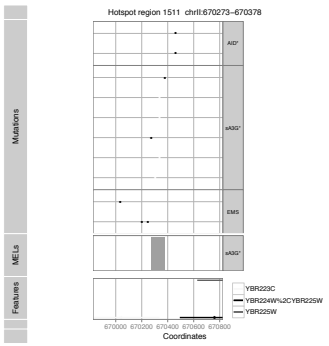

Hotspot region 1506 chrIV:36596–36663
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
YDL233W
YDL234C
36200
36400
36600
36800
37000
Coordinates

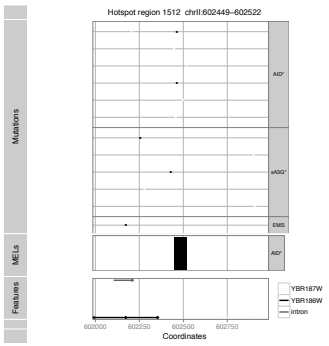

Hotspot region 1507 chrIII:236455–236463
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
YCR067C
236000
236250
236500
236750
Coordinates

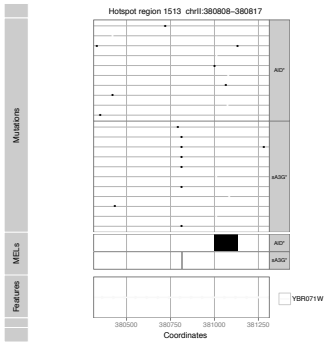

Hotspot region 1508 chrIII:155120–155288
Mutations
MELs
Features
AID*
AID*
YCR020C–A
YCR020C%2CYCR020C–A
YCR020W–B
154750
155000
155250
155500
Coordinates

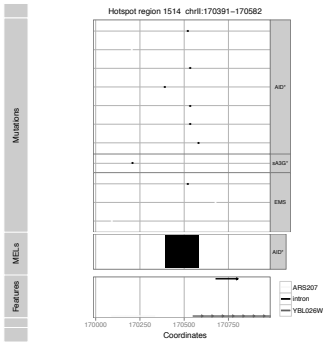

Hotspot region 1509 chrIII:126967–126976
Mutations
MELs
Features
AID*
sA3G*
EMS
sA3G*
YCR007C
126500
126750
127000
127250
Coordinates

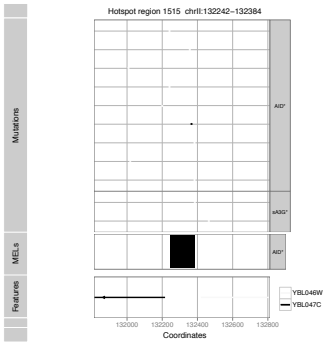

Hotspot region 1510 chrII:739697–739854
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
YBR265W
YBR267W
739500
739750
740000
740250
Coordinates

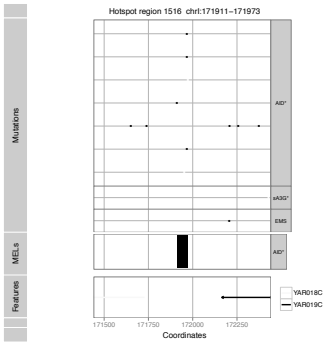

Hotspot region 1511 chrII:670273–670378
Mutations
MELs
Features
AID*
sA3G*
EMS
sA3G*
YBR223C
YBR224W%2CYBR225W
YBR225W
670000
670200
670400
670600
670800
Coordinates

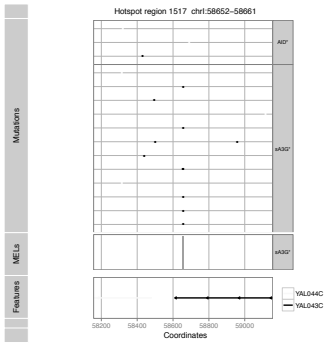

Hotspot region 1512 chrII:602449–602522
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
YBR187W
YBR188W
intron
602000
602250
602500
602750
Coordinates

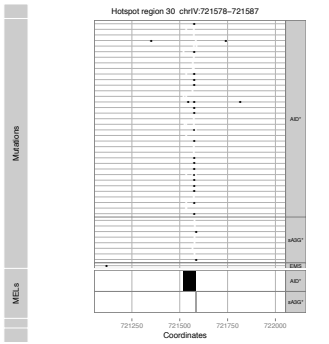

Hotspot region 1513 chrII:380808–380817
Mutations
MELs
Features
AID*
sA3G*
AID*
sA3G*
YBR071W
380500
380750
381000
381250
Coordinates

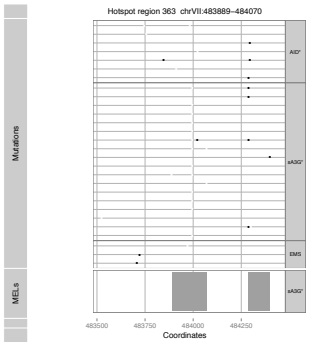

Hotspot region 1514 chrII:170391–170582
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
ARS207
intron
YBL026W
170000
170250
170500
170750
Coordinates

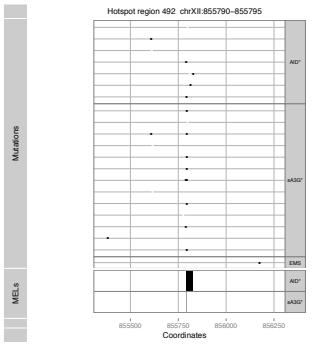

Hotspot region 1515 chrII:132242–132384
Mutations
MELs
Features
AID*
sA3G*
AID*
YBL046W
YBL047C
132000
132200
132400
132600
132800
Coordinates

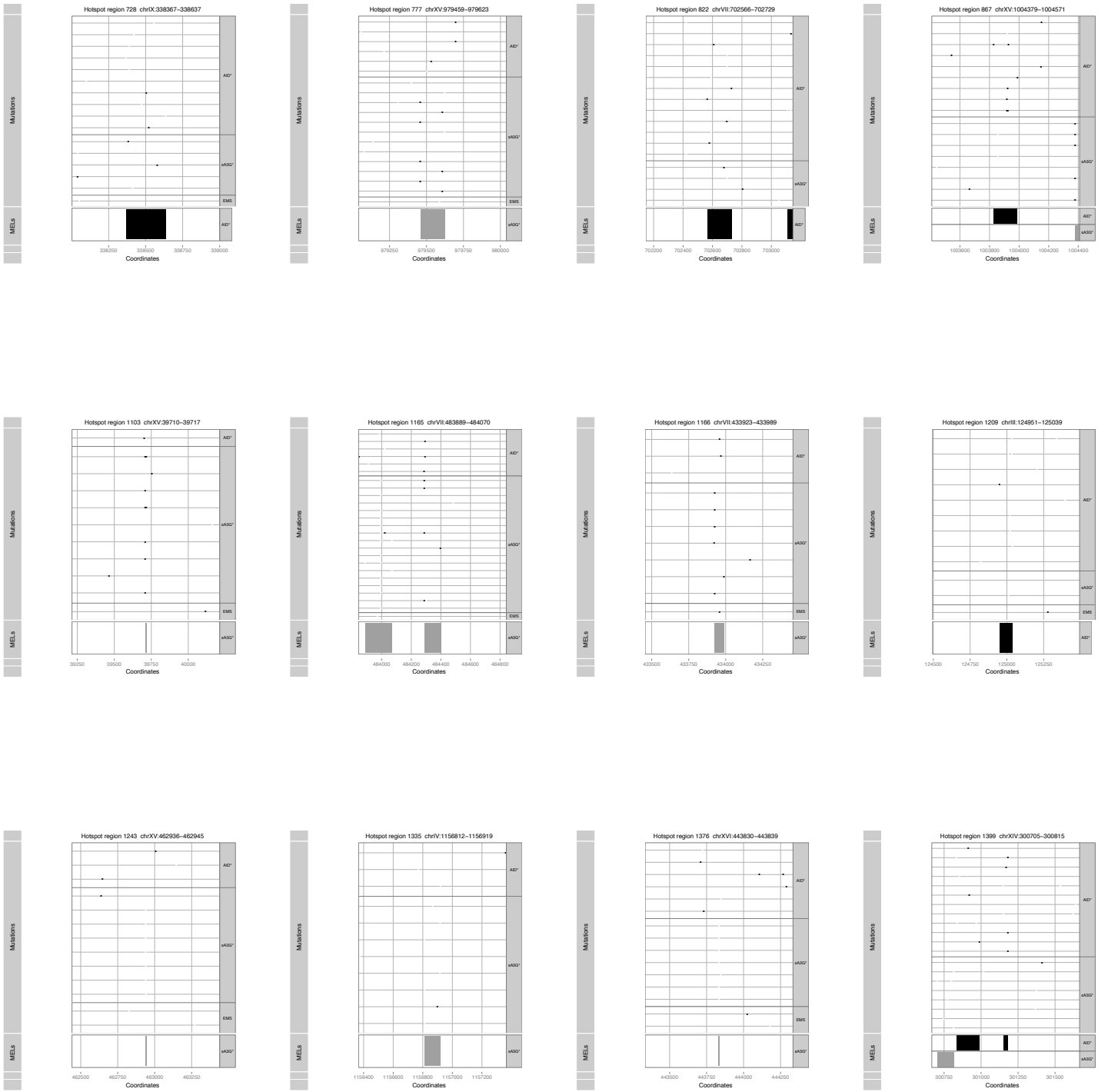

Hotspot region 1516 chrI:171911–171973
Mutations
MELs
Features
AID*
sA3G*
EMS
AID*
YAR018C
YAR019C
171500
171750
172000
172250
Coordinates


Hotspot region 1517 chrI:58652–58661
Mutations
MELs
Features
AID*
sA3G*
sA3G*
YAL044C
YAL043C
58200
58400
58600
58800
59000
Coordinates


Hotspot region 30 chrIV:721578–721587
Mutations
MELs
AID*
sA3G*
EMS
AID*
sA3G*
721250
721500
721750
722000
Coordinates


Hotspot region 363 chrVII:483889–484070
Mutations
MELs
AID*
sA3G*
EMS
sA3G*
483500
483750
484000
484250
Coordinates


Hotspot region 492 chrXII:855790–855795
Mutations
MELs
AID*
sA3G*
EMS
AID*
sA3G*
855500
855750
856000
856250
Coordinates


Hotspot region 728 chrIX:338367–338637
Hotspot region 777 chrXV:979459–979623
Hotspot region 822 chrVII:702566–702729
Hotspot region 867 chrXV:1004379–1004571
Hotspot region 1103 chrXV:39710–39717
Hotspot region 1165 chrVII:483889–484070
Hotspot region 1166 chrVII:433923–433989
Hotspot region 1209 chrIII:124951–125039
Hotspot region 1243 chrXV:462936–462945
Hotspot region 1335 chrIV:1156812–1156919
Hotspot region 1376 chrXVI:443830–443839
Hotspot region 1399 chrXIV:300705–300815
Mutations
MELs
AID*
aA3G*
EMS
Coordinates