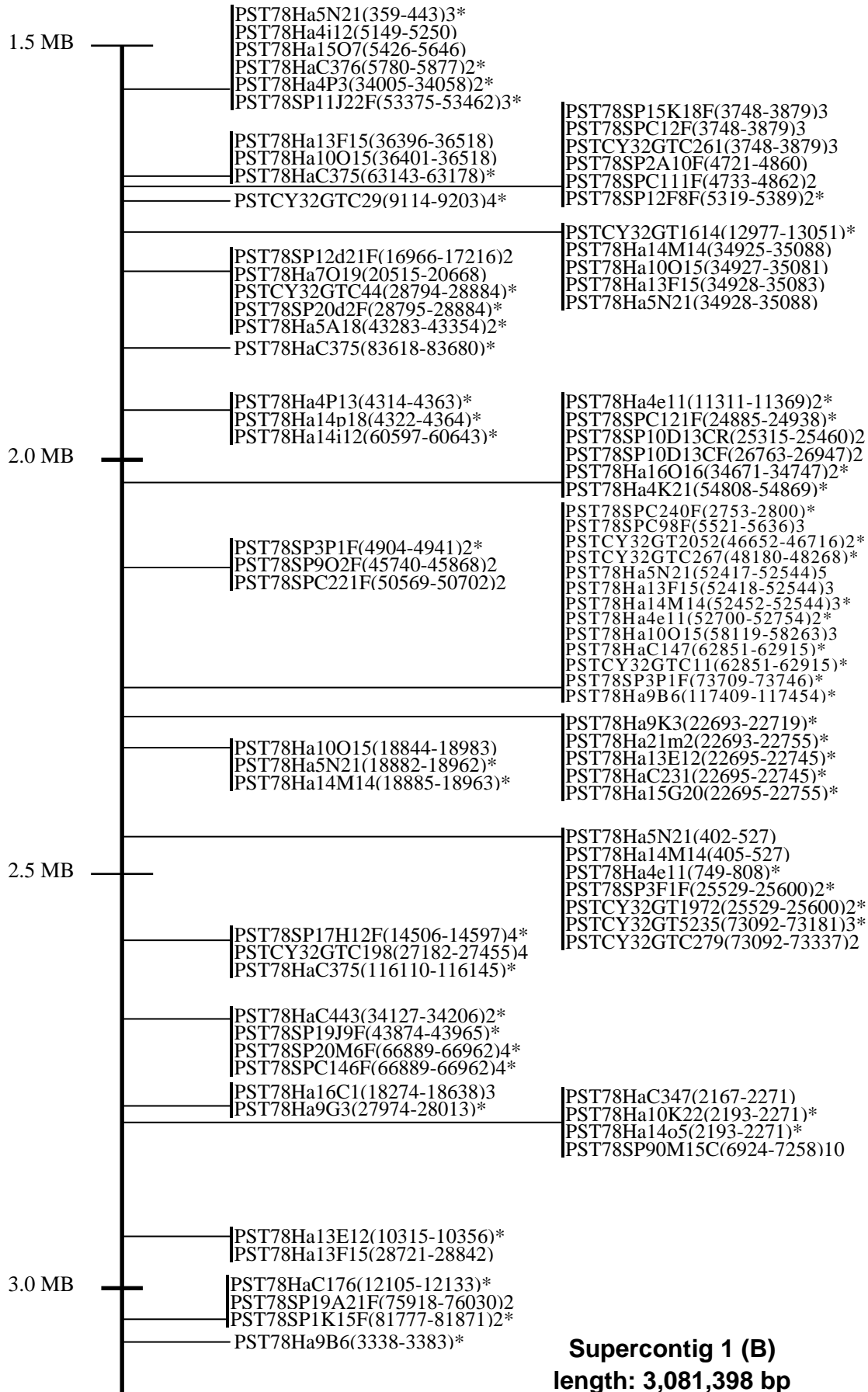


**Supercontig 1 (A)**  
**length: 3,081,398 bp**

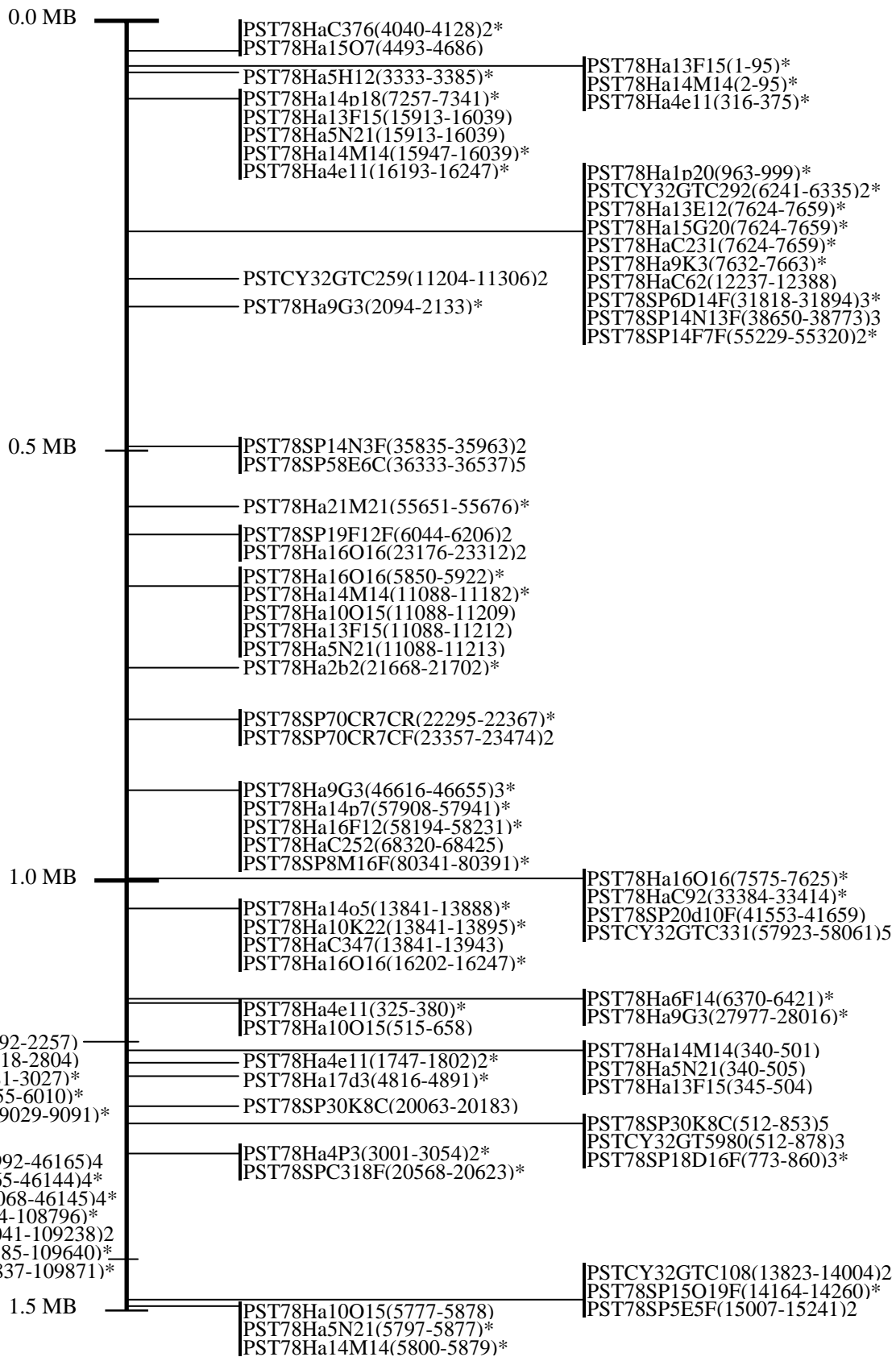
\* = less than 100bp alignment

| = clones in the same contig



\* = less than 100bp alignment

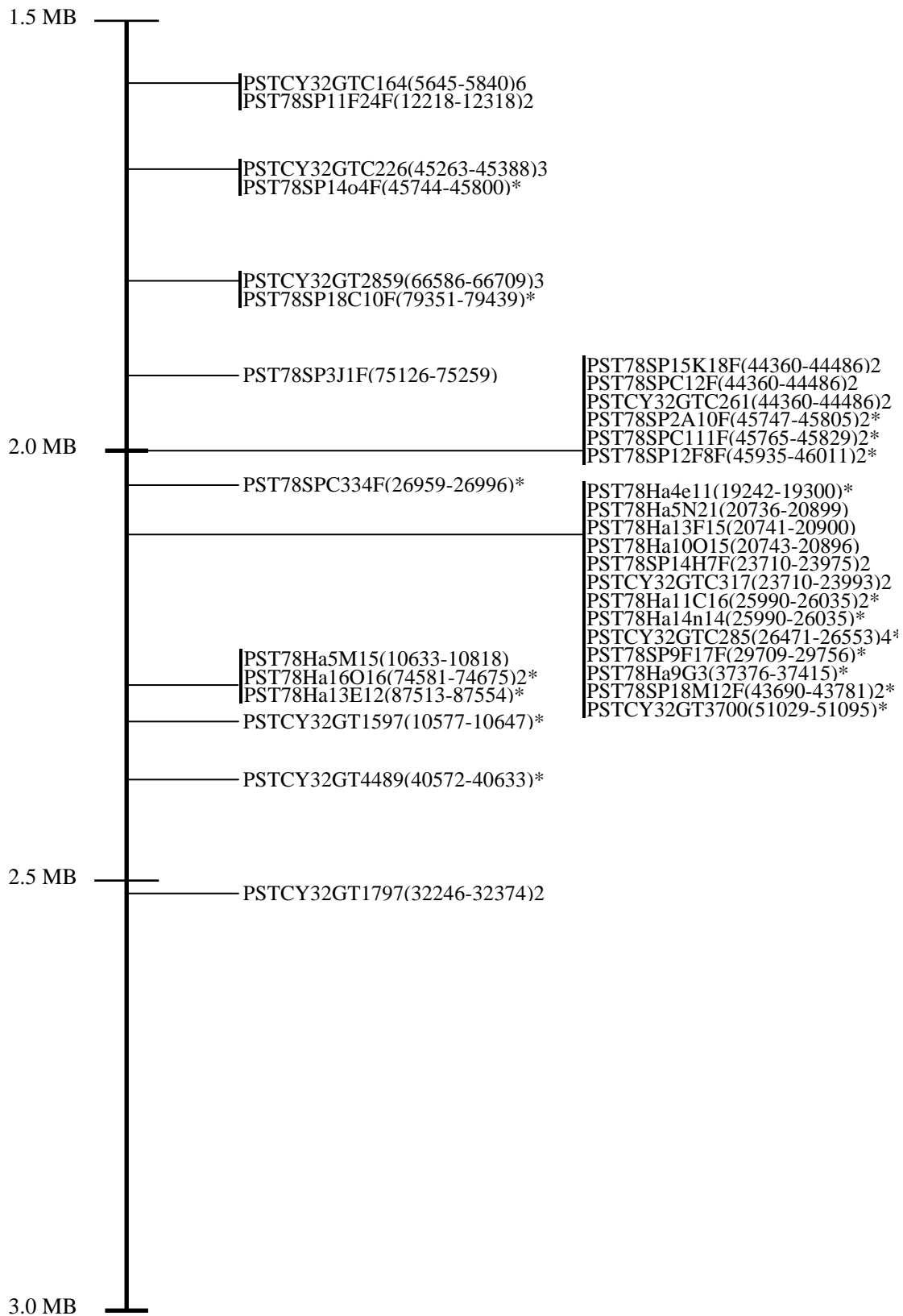
| = clones in the same contig



**Supercontig 2 (A)**  
length: 2,570,998 bp

\* = less than 100bp alignment

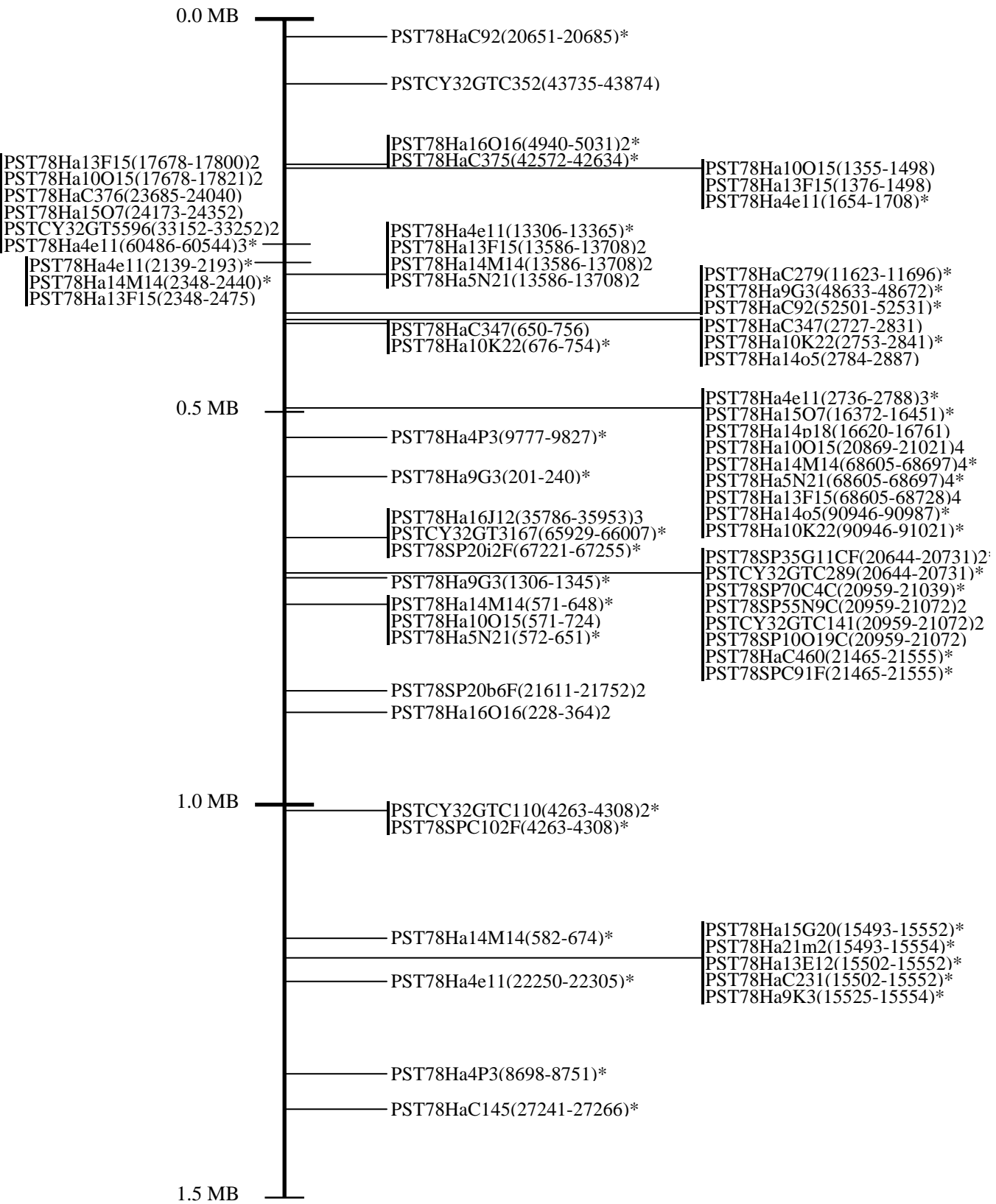
| = clones in the same contig



**Supercontig 2 (B)**  
**length: 2,570,998 bp**

\* = less than 100bp alignment

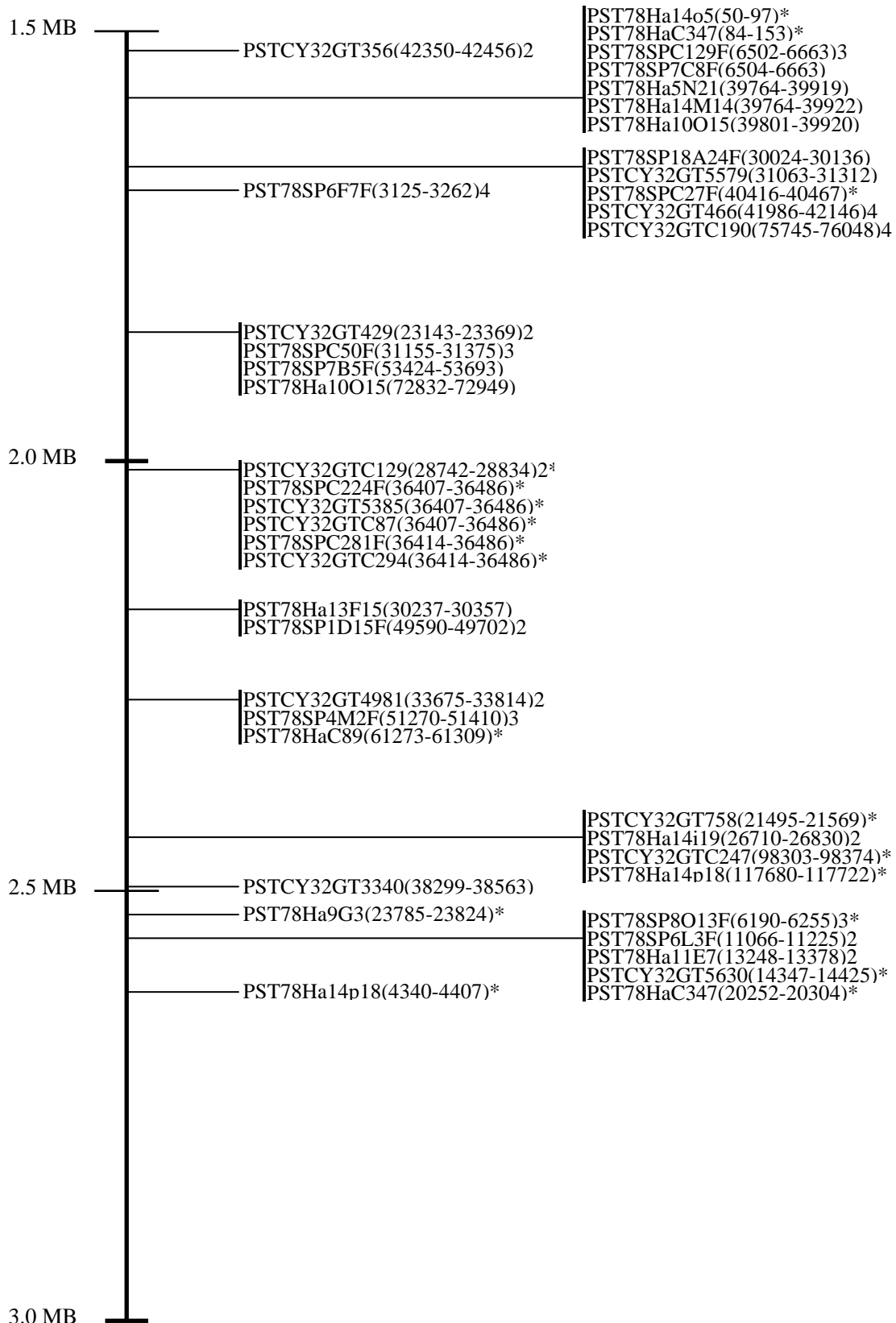
| = clones in the same contig



**Supercontig 3 (A)**  
**length: 2,616,274 bp**

\* = less than 100bp alignment

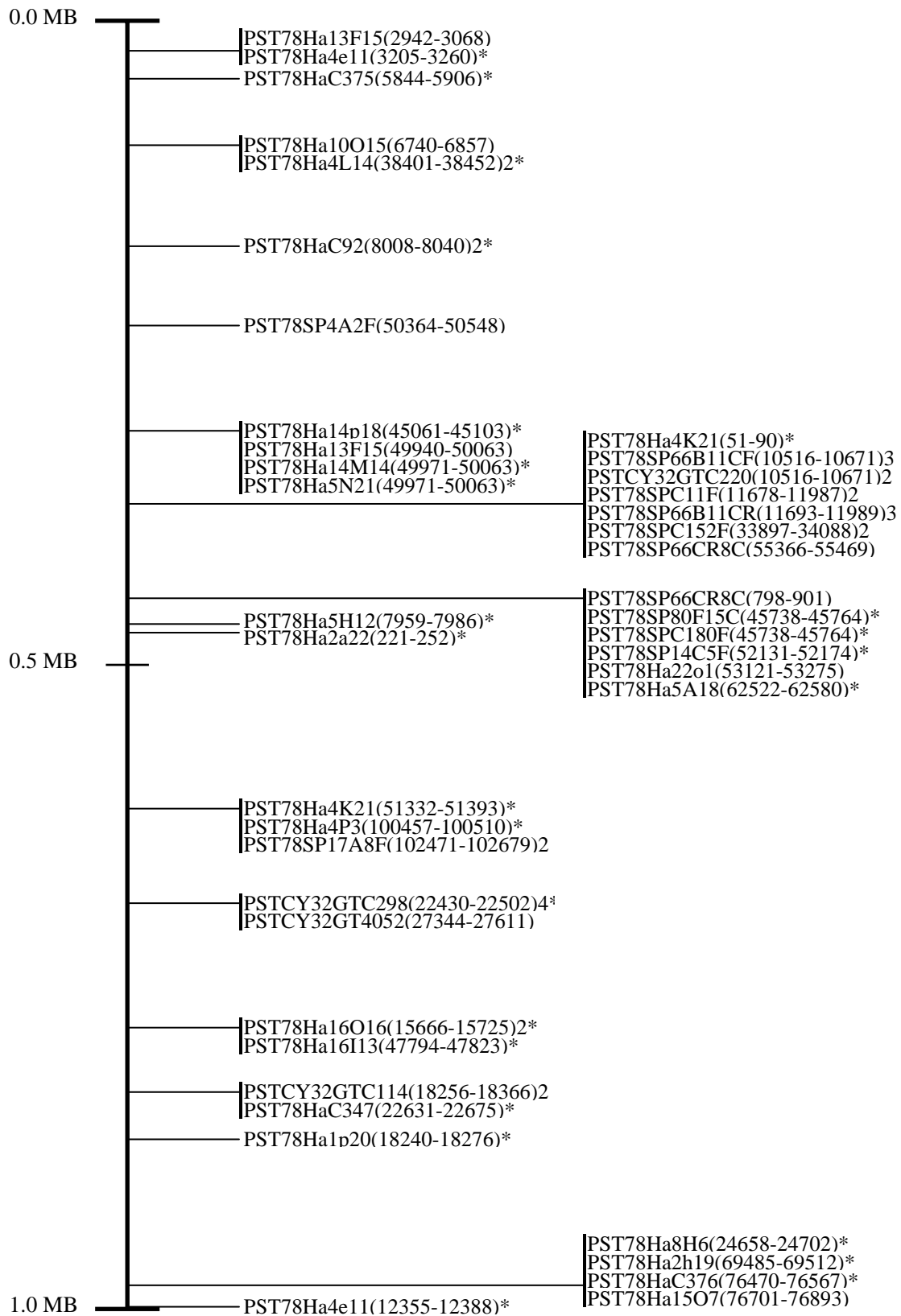
| = clones in the same contig



**Supercontig 3 (B)**  
**length: 2,616,274 bp**

\* = less than 100bp alignment

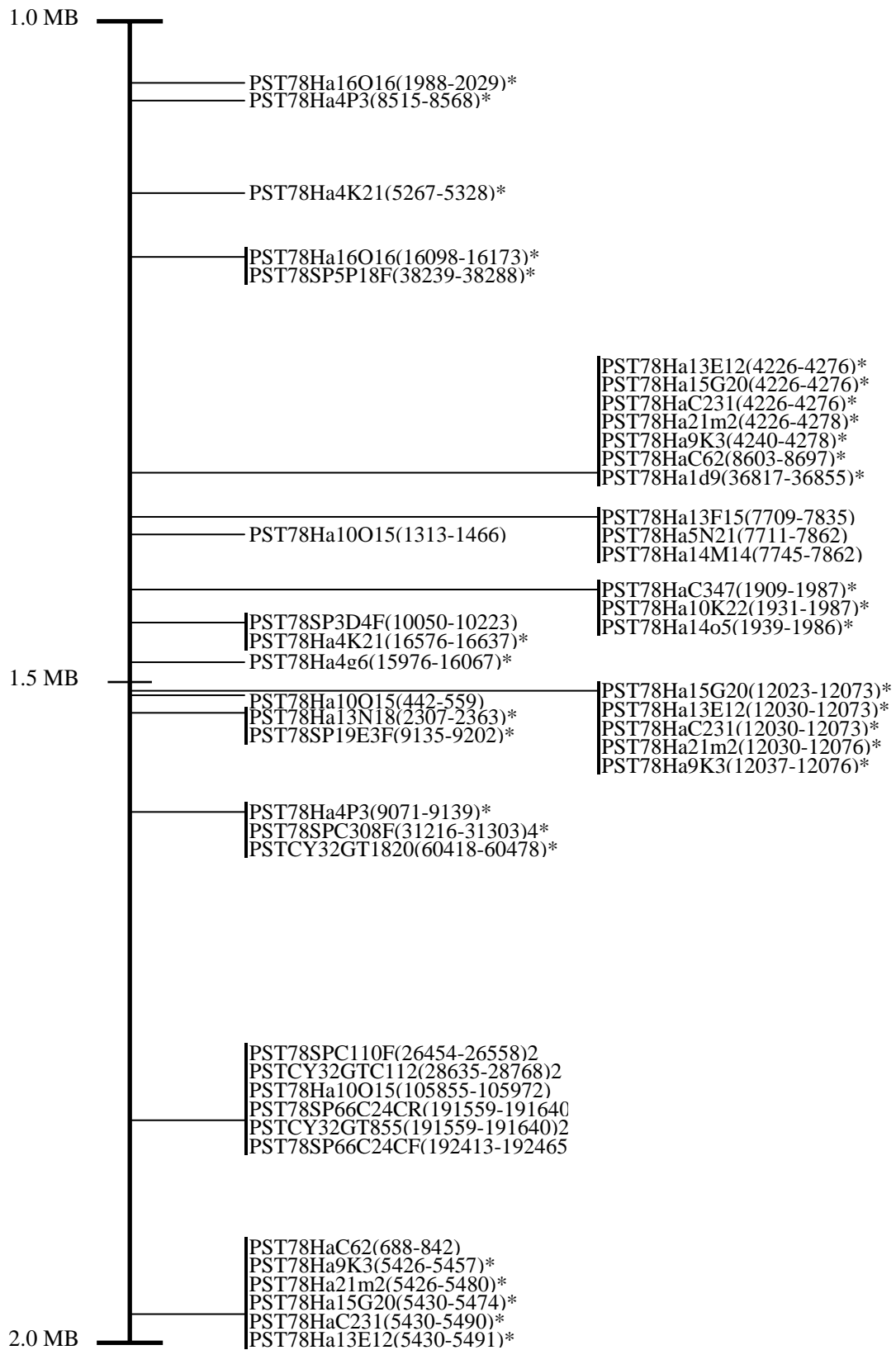
| = clones in the same contig



**Supercontig 4 (A)**  
**length: 1,978,325 bp**

\* = less than 100bp alignment

| = clones in the same contig

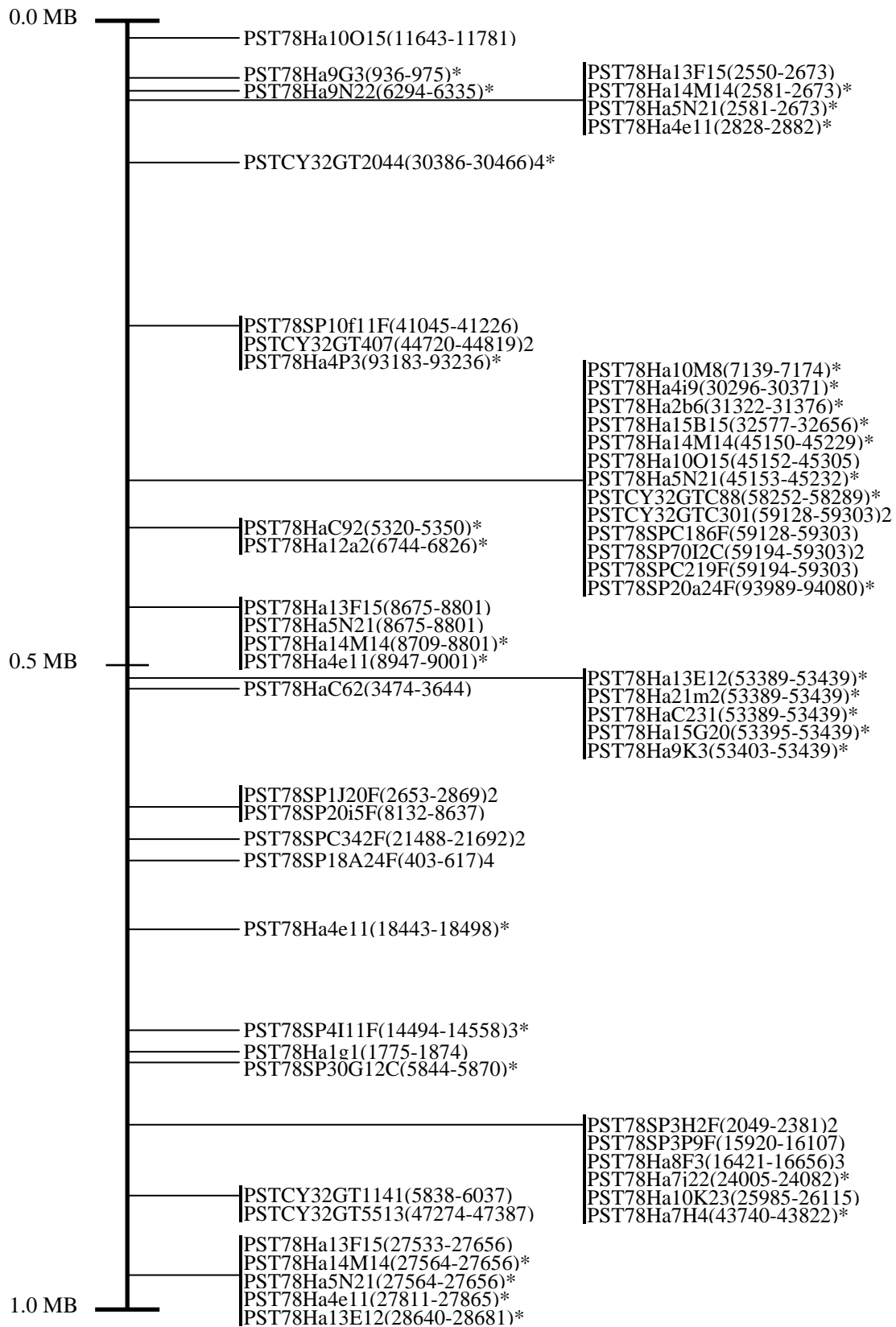


**Supercontig 4 (B)**  
length: 1,978,325 bp

\* = less than 100bp alignment

| = clones in the same contig

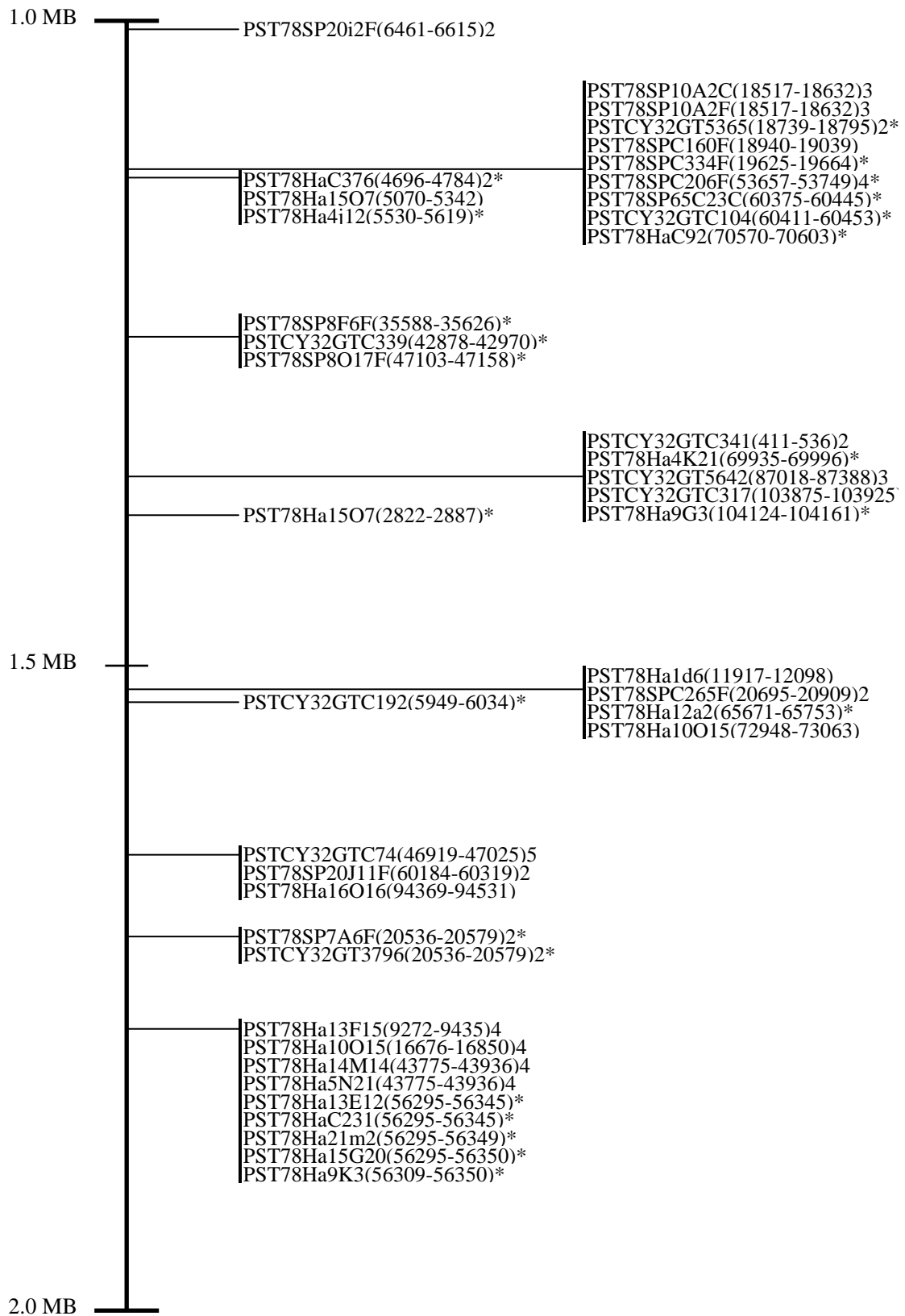




**Supercontig 5 (A)**  
**length: 2,008,477 bp**

\* = less than 100bp alignment

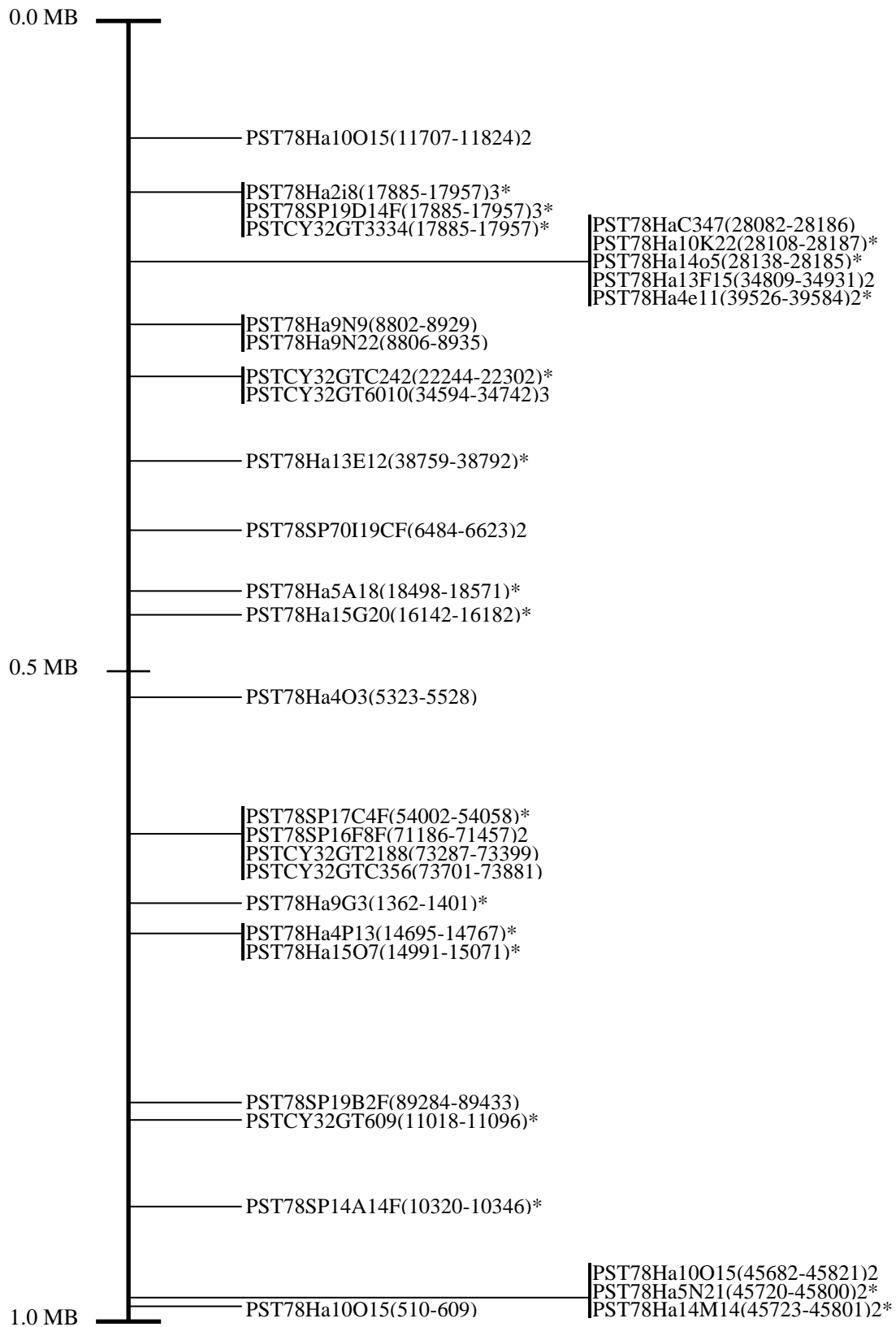
| = clones in the same contig



**Supercontig 5 (B)**  
length: 2,008,477 bp

\* = less than 100bp alignment

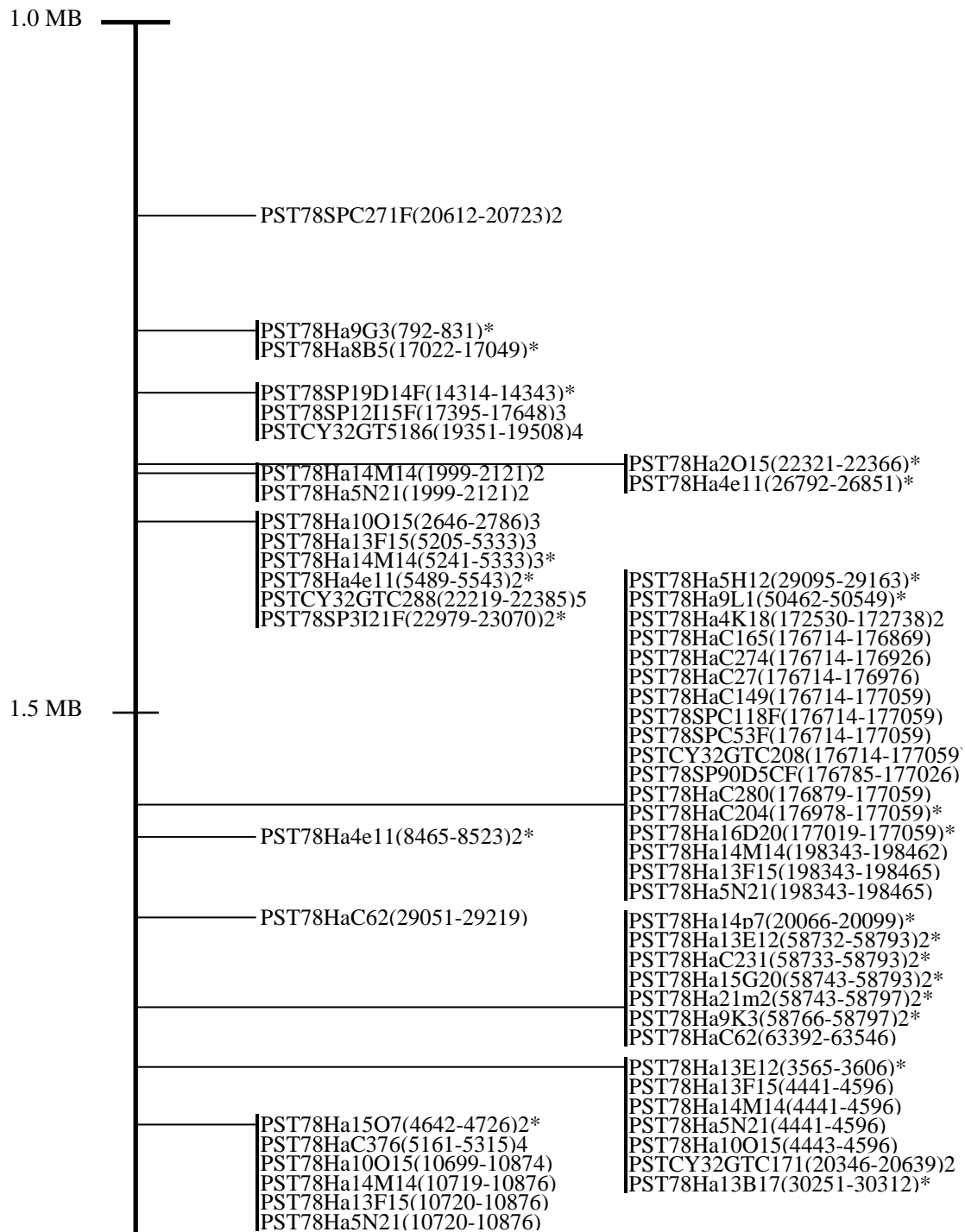
| = clones in the same contig



**Supercontig 6 (A)**  
**length: 1,808,965 bp**

\* = less than 100bp alignment

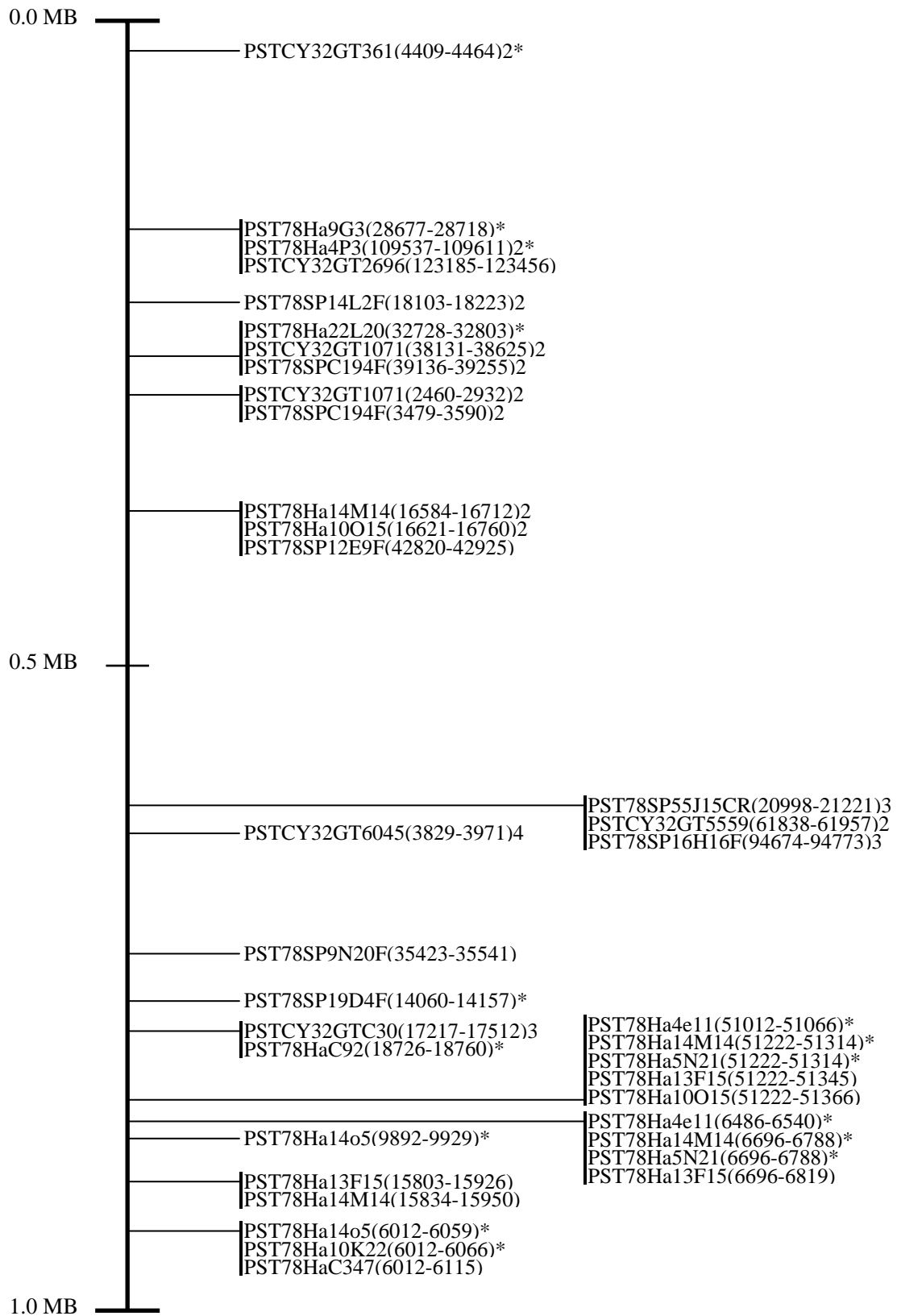
| = clones in the same contig



**Supercontig 6 (B)**  
length: 1,808,965 bp

\* = less than 100bp alignment

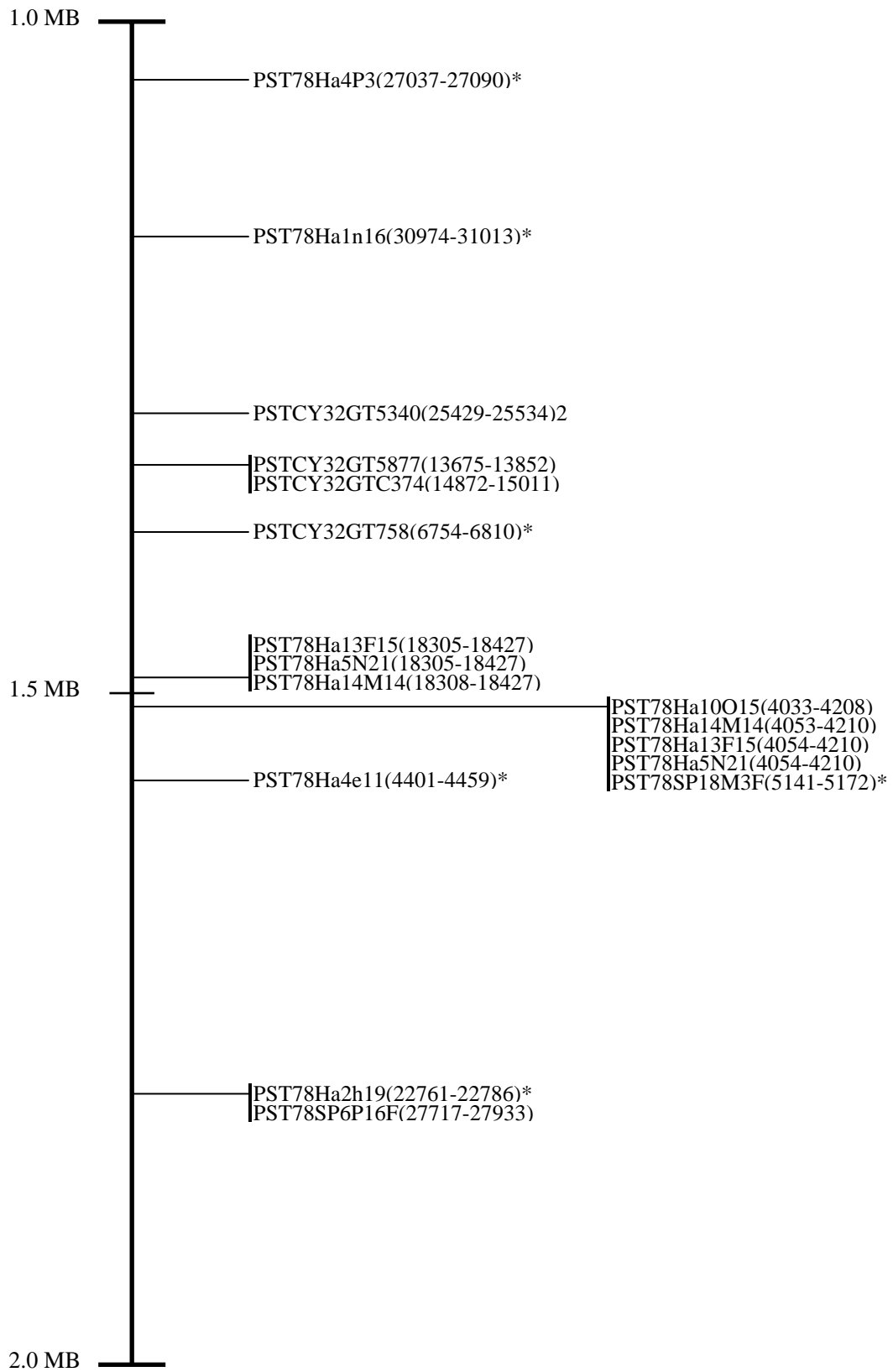
| = clones in the same contig



**Supercontig 7 (A)**  
length: 1,797,936 bp

\* = less than 100bp alignment

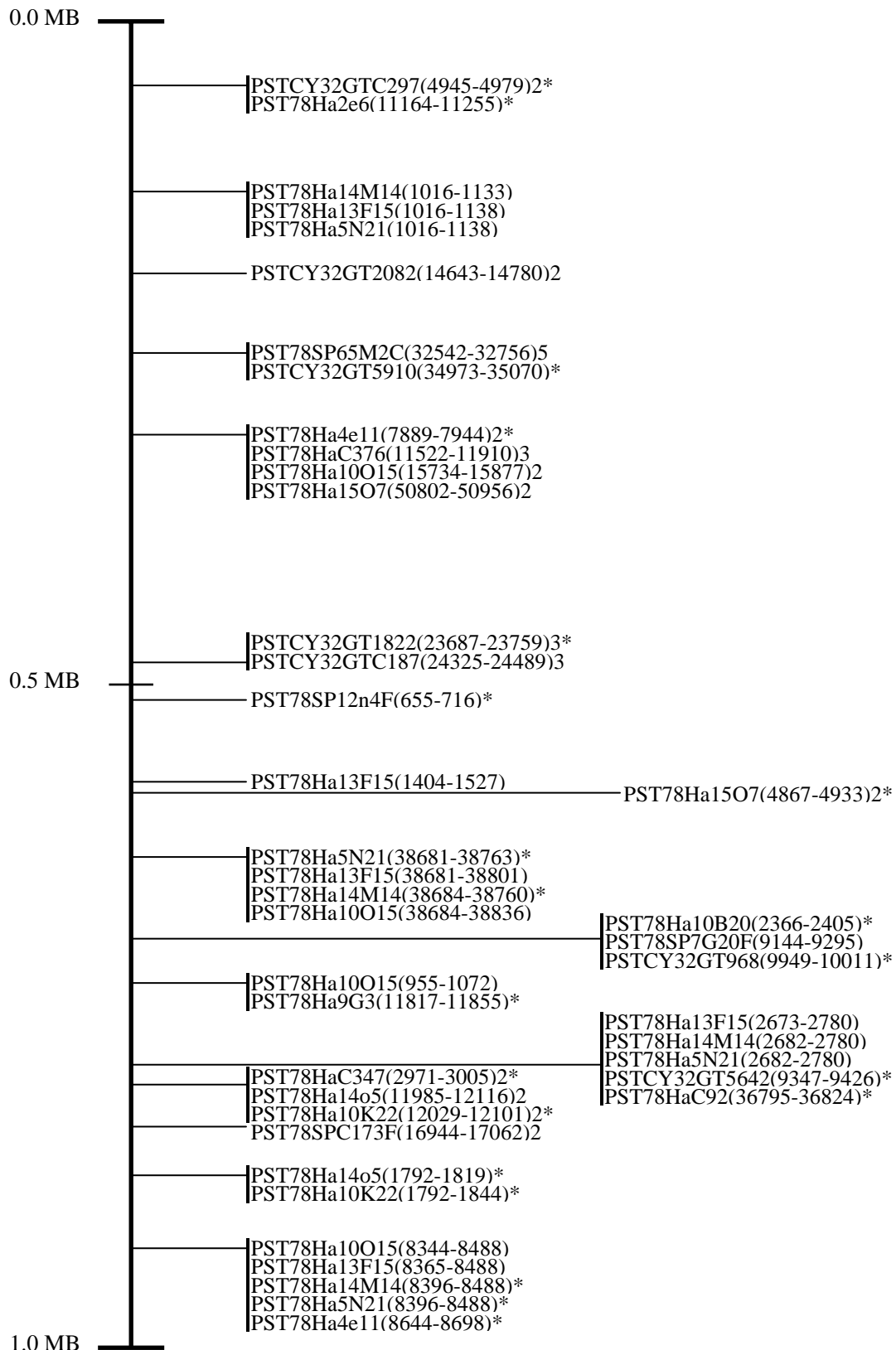
| = clones in the same contig



**Supercontig 7 (B)**  
length: 1,797,936 bp

\* = less than 100bp alignment

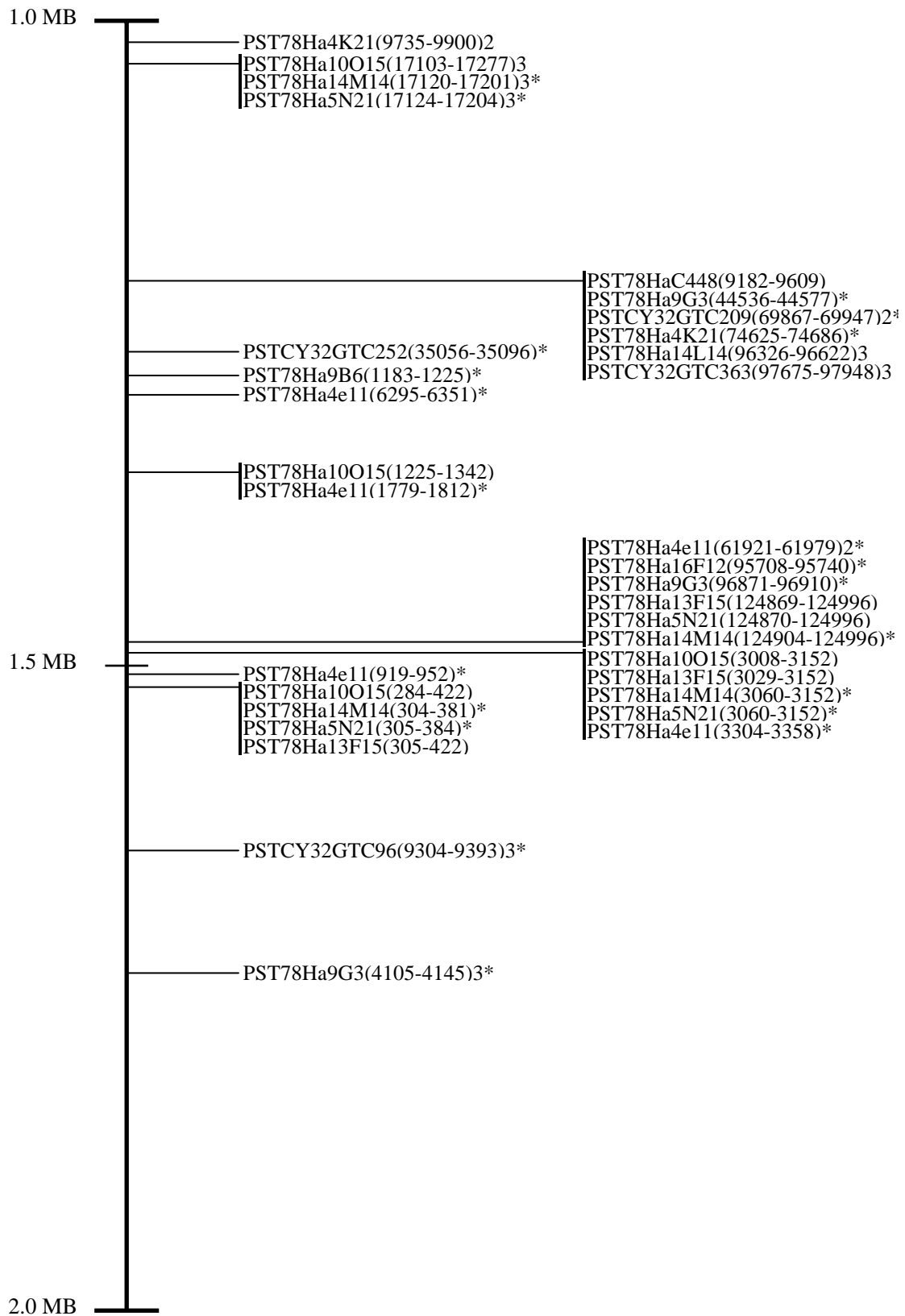
| = clones in the same contig



**Supercontig 8 (A)**  
**length: 1,737,638 bp**

\* = less than 100bp alignment

| = clones in the same contig

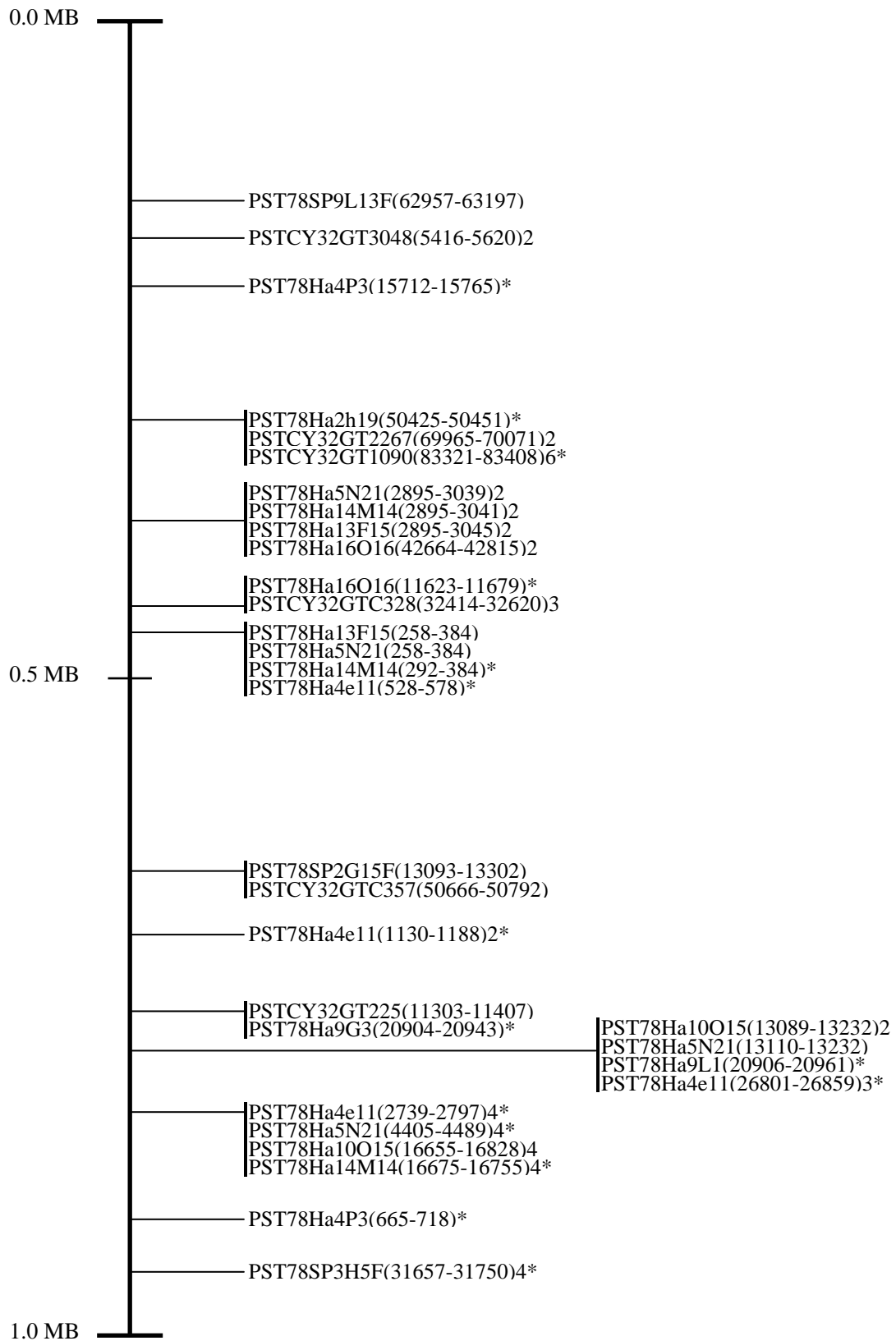


**Supercontig 8 (B)**  
**length: 1,737,638 bp**

\* = less than 100bp alignment

| = clones in the same contig

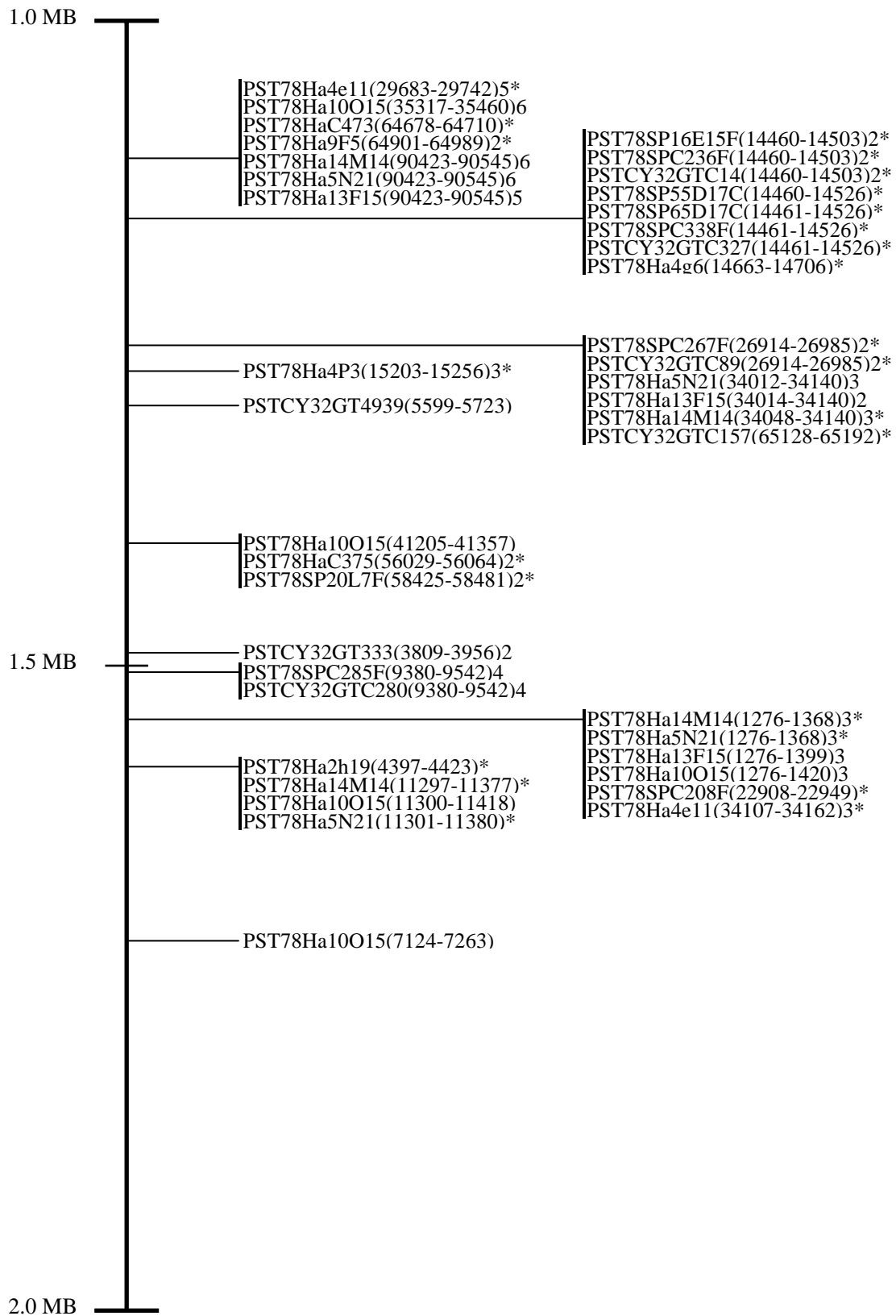




**Supercontig 9 (A)**  
**length: 1,714,174 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 9 (B)**  
**length: 1,714,174 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB

PST78Ha2h19(7709-7735)\*

PSTCY32GT3924(8343-8398)\*

PSTCY32GT5314(15470-15613)

PST78HaC347(1883-1987)  
PST78Ha10K22(1909-1997)\*  
PST78Ha14o5(1939-2015)\*

PST78SP19i3F(53383-53480)\*  
PST78SP90C20C(53383-53480)\*  
PST78SPC124F(53383-53480)\*  
PSTCY32GTC159(53383-53480)\*  
PST78SP6H22F(55823-55887)\*  
PST78SP19J14F(55823-55896)\*  
PST78SP2A12F(55823-55896)\*  
PST78SP30I15CR(55823-55896)\*  
PST78SP3H18F(55823-55896)\*  
PST78SP4F8F(55823-55896)\*  
PST78SP5G6F(55823-55896)\*  
PST78SPC132F(55823-55896)\*  
PST78SPC227F(55823-55896)\*  
PST78SPC316F(55823-55896)\*  
PSTCY32GTC303(55823-55896)\*  
PSTCY32GTC45(55823-55896)\*  
PST78SP1B2F(55842-55887)\*

PST78SP65M20C(4715-4883)5  
PST78SP15F14F(4715-4883)4  
PST78SP9C22F(33904-34082)2

PST78Ha15G20(1160-1217)2\*

PST78SP19G9F(5670-5710)\*  
PST78SP11D1F(26581-26657)2\*  
PST78SPC327F(28203-28397)3  
PSTCY32GTC64(28203-28397)3  
PST78Ha16O16(36364-36425)\*

PST78SP17F4F(24398-24476)\*  
PSTCY32GT799(26394-26747)3  
PST78Ha14p18(40583-40677)\*  
PST78Ha15O7(40893-40972)\*  
PST78Ha9K3(56012-56041)\*  
PST78Ha21m2(56012-56064)\*  
PST78Ha15G20(56014-56064)\*  
PST78Ha13E12(56014-56074)\*  
PST78HaC231(56014-56074)\*  
PST78Ha4e11(57886-57944)\*

PST78Ha4e11(731-785)2\*  
PST78Ha14M14(940-1032)3\*  
PST78Ha5N21(940-1032)3\*  
PST78Ha13F15(940-1063)3  
PST78Ha10O15(940-1084)3  
PSTCY32GTC53(128724-128846)4  
PSTCY32GT213(154612-154819)4

PST78SP3K12F(46212-46389)2  
PST78Ha4P3(64041-64094)\*

PSTCY32GT4239(29046-29168)  
PST78Ha13F15(46133-46260)2  
PST78Ha5N21(46134-46260)2  
PST78Ha14M14(46168-46260)2\*  
PST78Ha4e11(46415-46469)2\*  
PST78Ha14o5(47677-47727)\*  
PSTCY32GT4291(62989-63080)\*  
PST78Ha4L22(80239-80304)\*

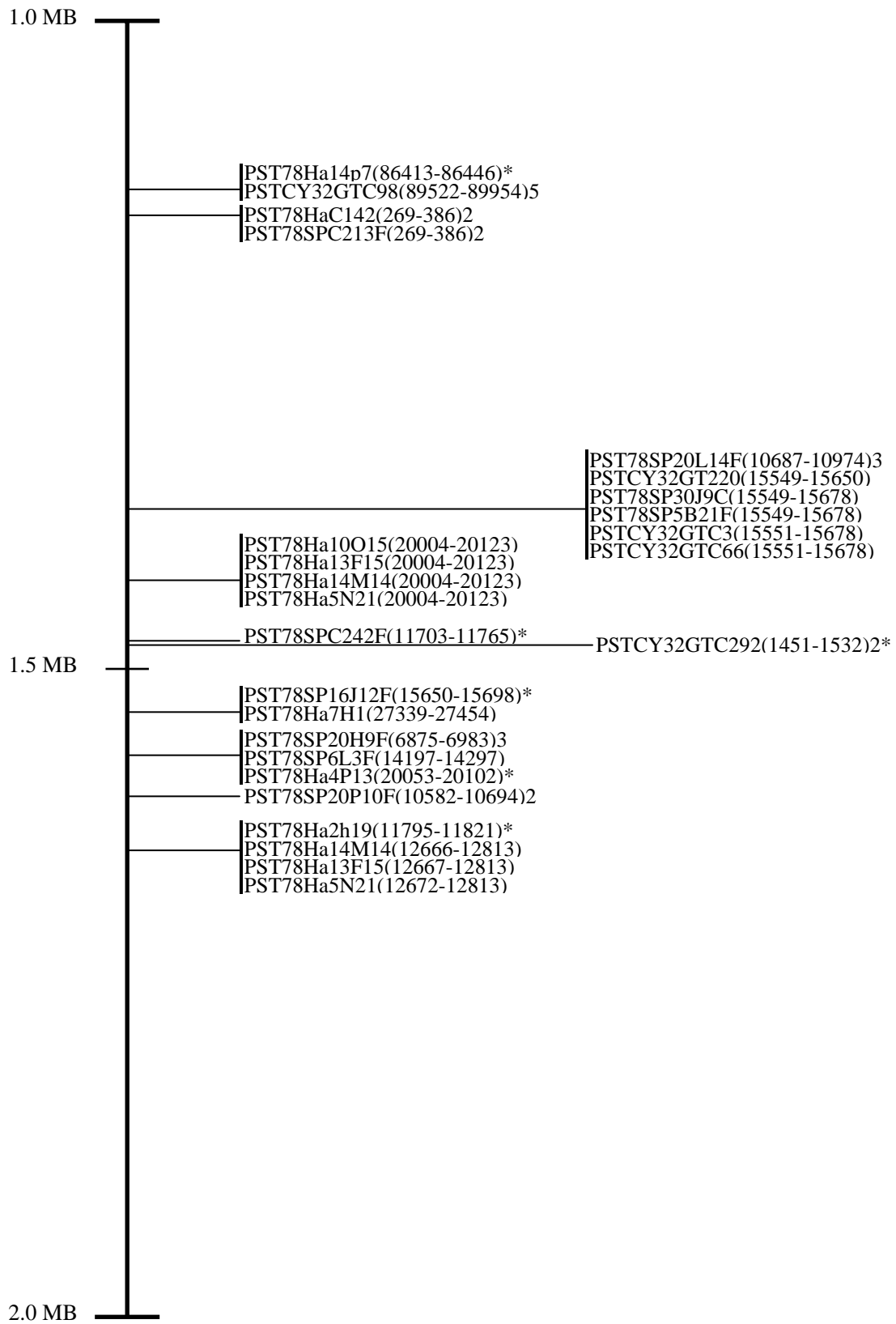
PST78SP19F6F(644-769)3  
PSTCY32GT5348(1614-1966)  
PST78SPC307F(3494-3608)

PSTCY32GT5127(57027-57154)2  
PST78Ha14F24(57785-57984)3  
PST78Ha10C20(65327-65369)\*

**Supercontig 10 (A)**  
**length: 1,640,743 bp**

\* = less than 100bp alignment

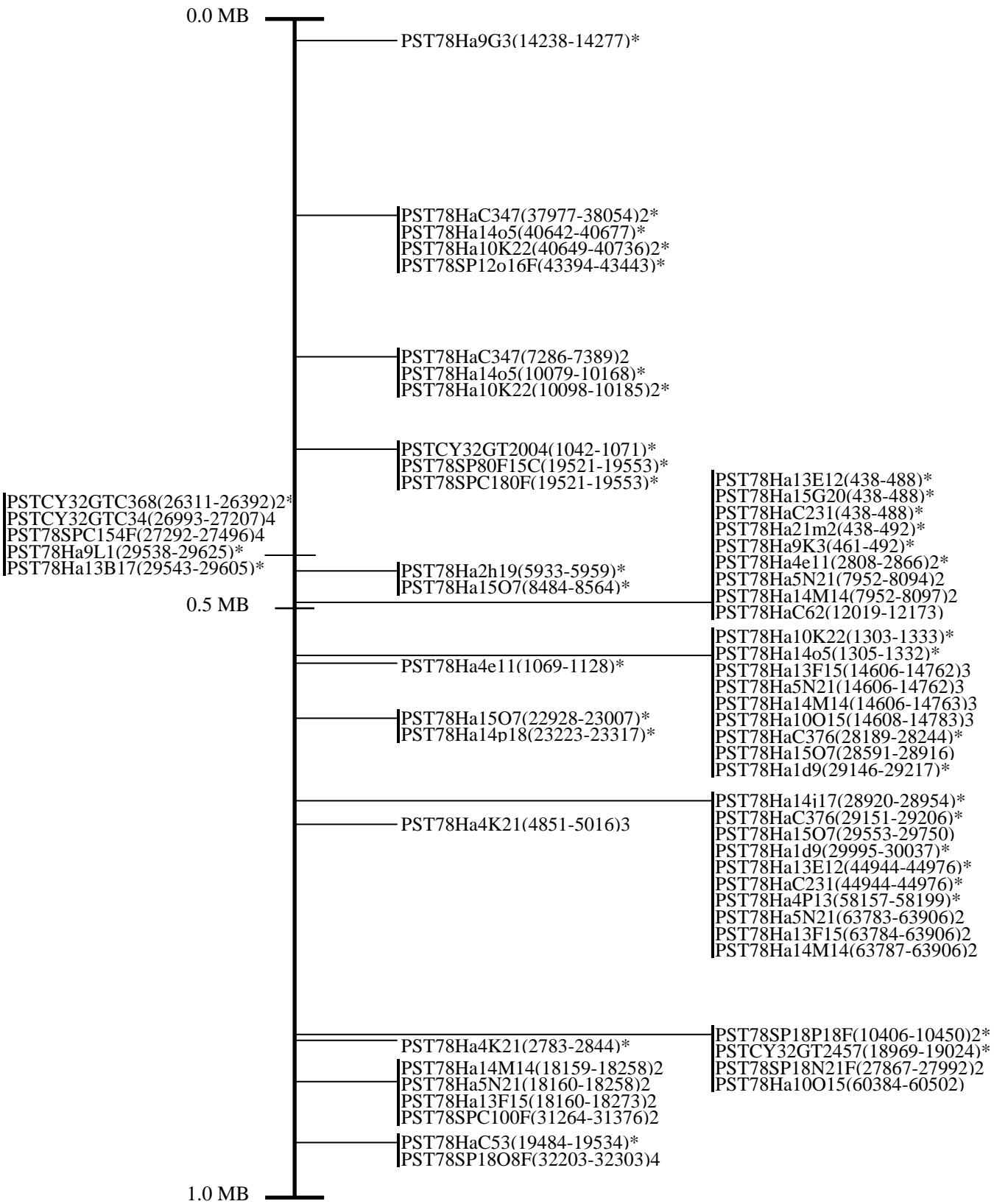
| = clones in the same contig



**Supercontig 10 (B)**  
length: 1,640,743 bp

\* = less than 100bp alignment

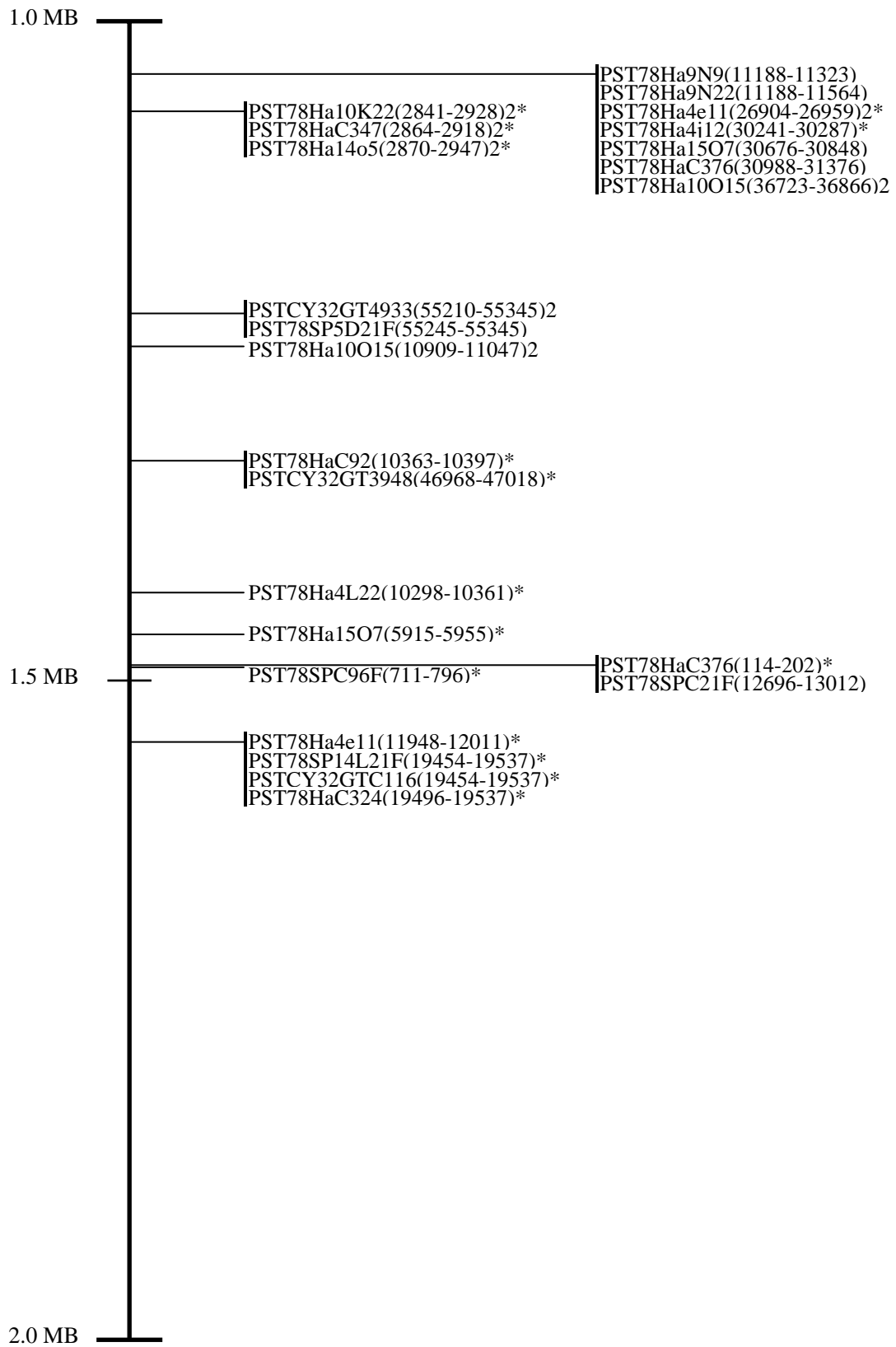
| = clones in the same contig



**Supercontig 11 (A)**  
**length: 1,547,344 bp**

\* = less than 100bp alignment

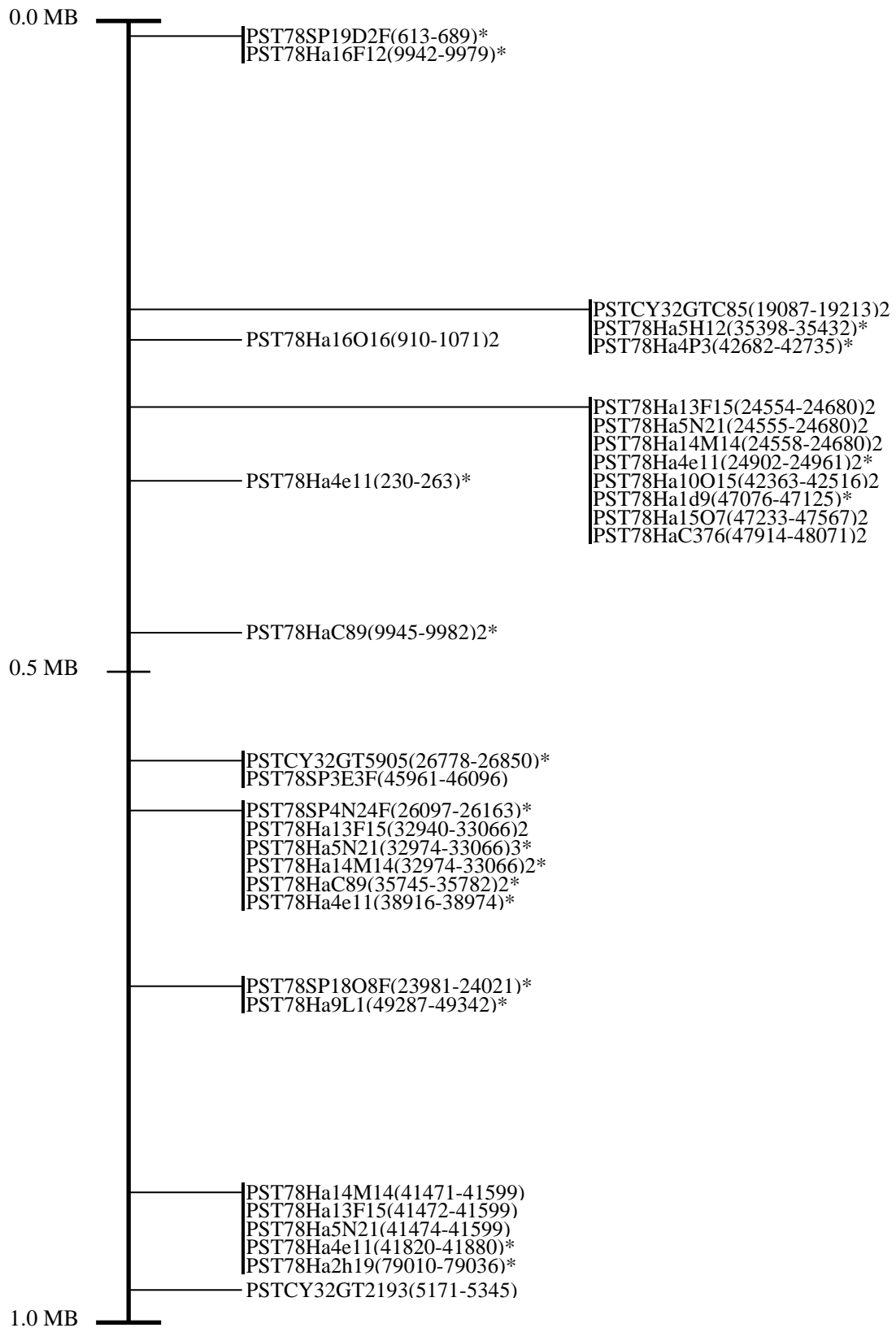
| = clones in the same contig



**Supercontig 11 (B)**  
**length: 1,547,344 bp**

\* = less than 100bp alignment

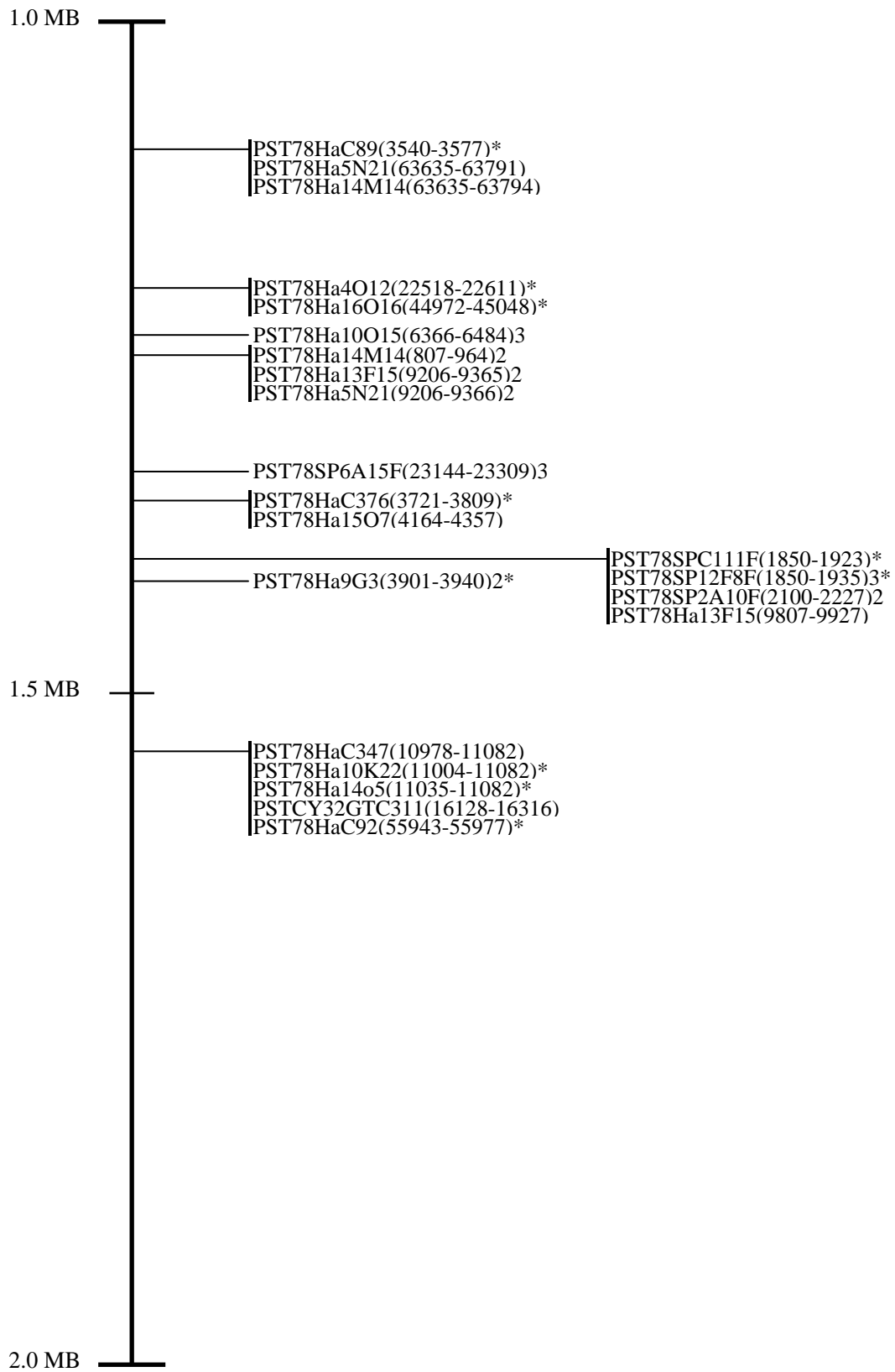
| = clones in the same contig



**Supercontig 12 (A)**  
length: 1,543,397 bp

\* = less than 100bp alignment

| = clones in the same contig

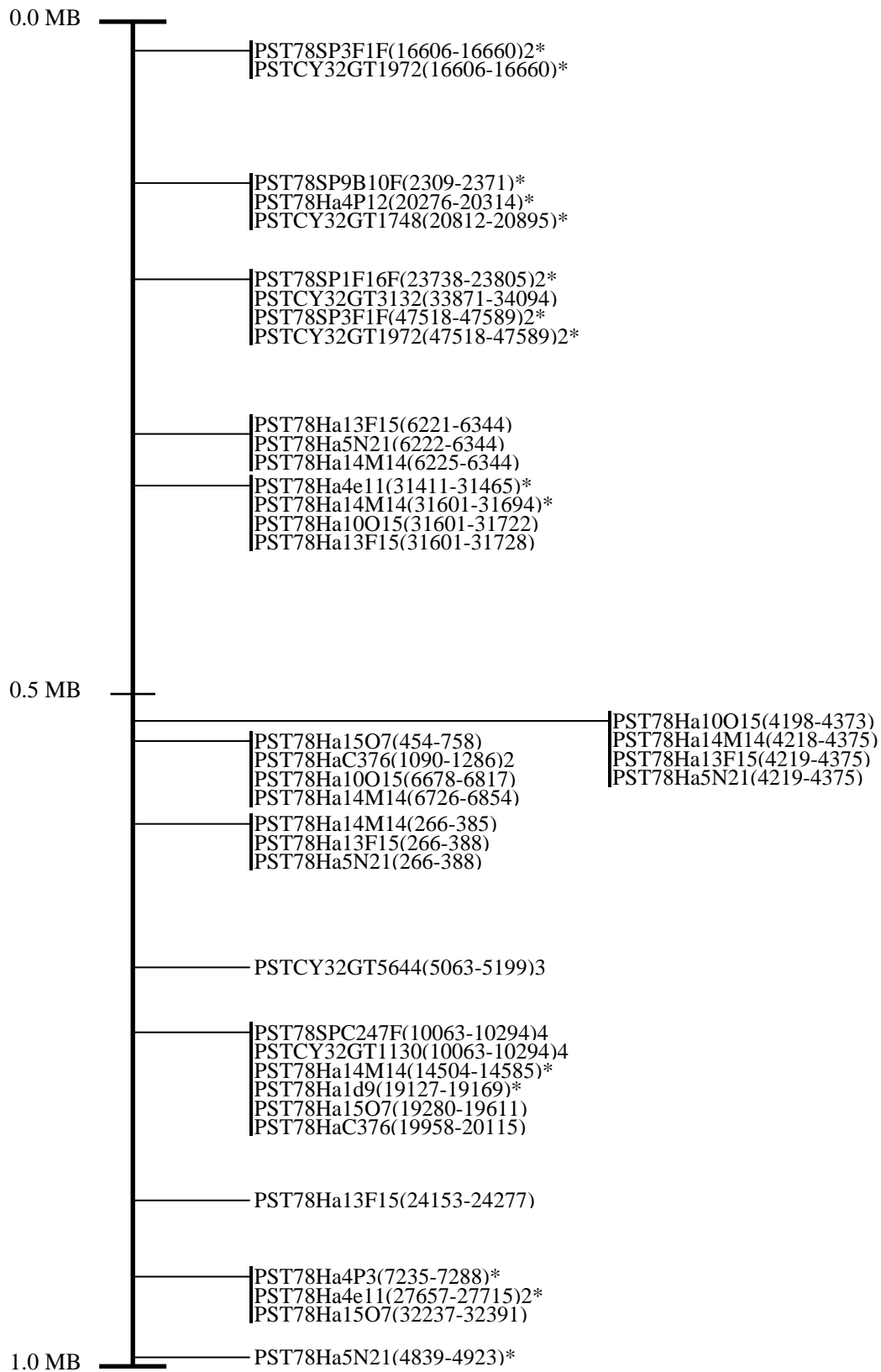


**Supercontig 12 (B)**  
**length: 1,543,397 bp**

\* = less than 100bp alignment

| = clones in the same contig

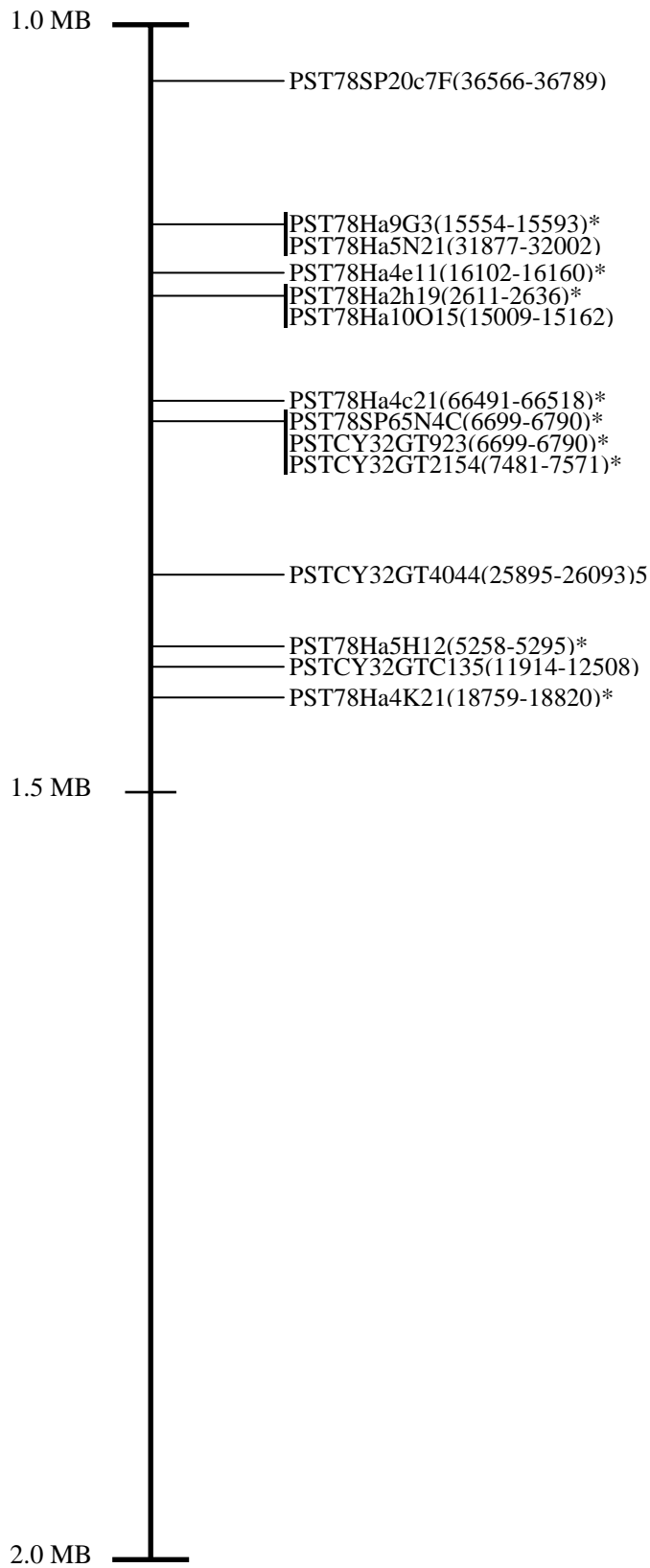




**Supercontig 13 (A)**  
length: 1,556,540 bp

\* = less than 100bp alignment

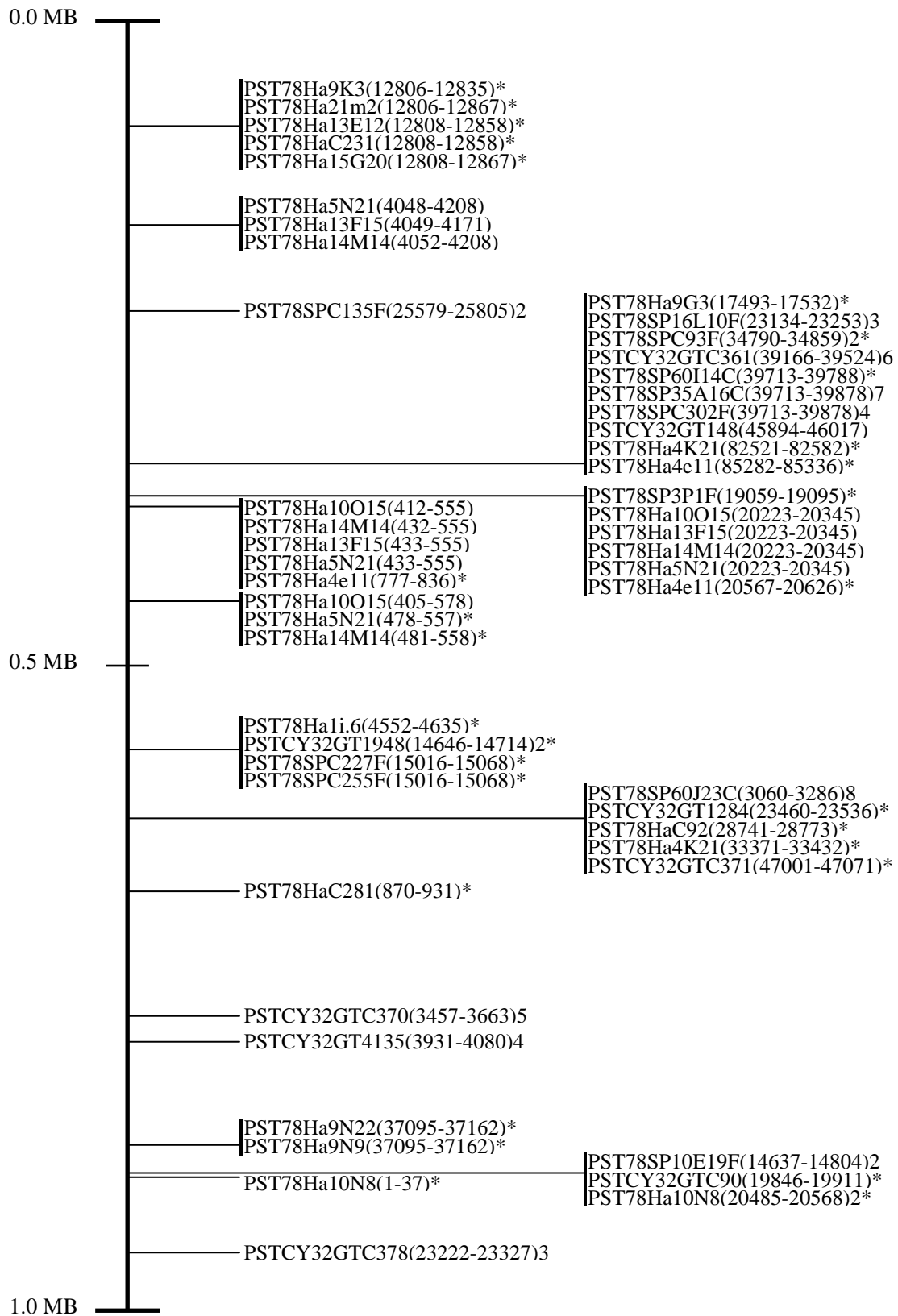
| = clones in the same contig



**Supercontig 13 (B)**  
**length: 1,556,540 bp**

\* = less than 100bp alignment

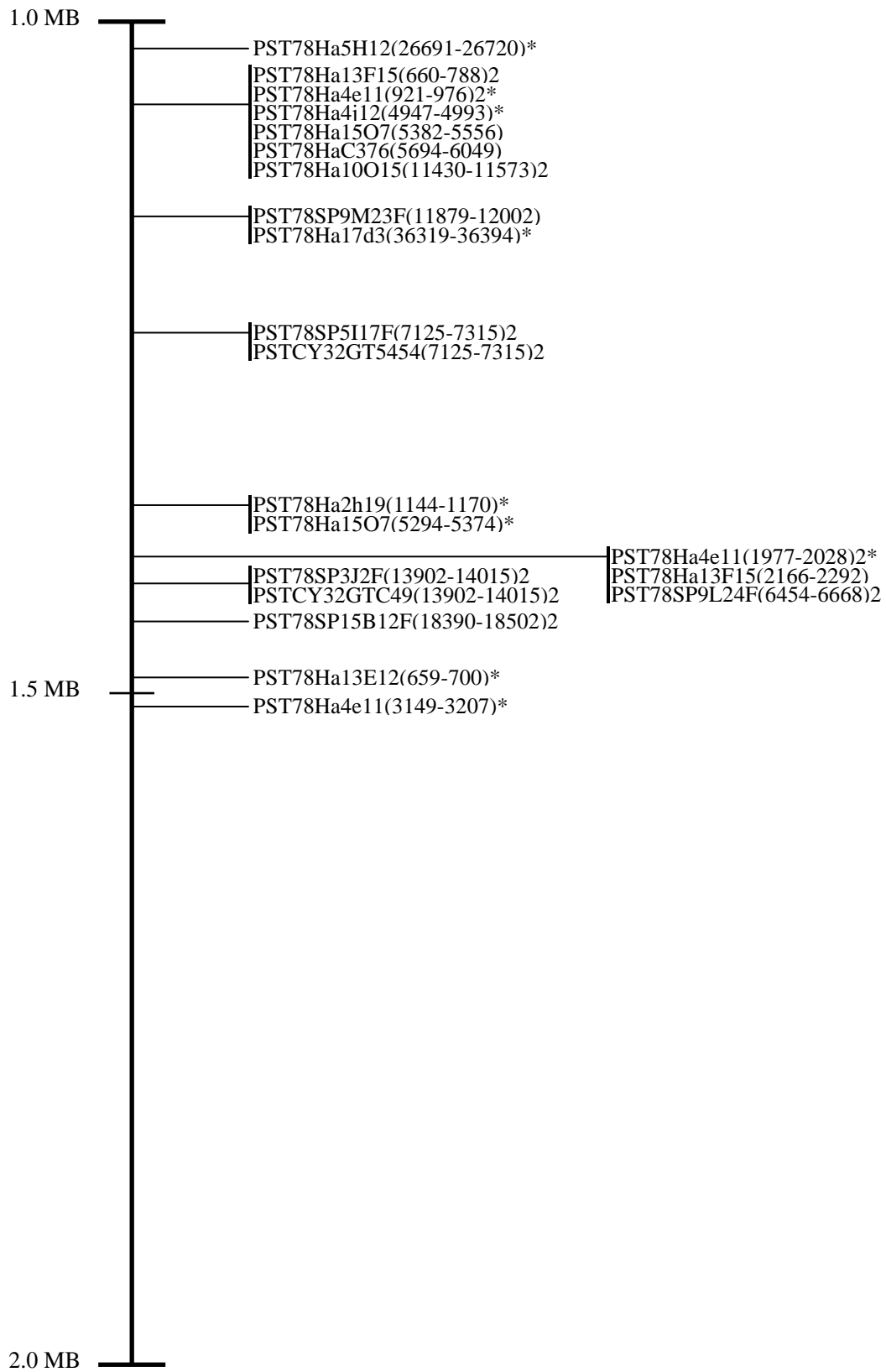
| = clones in the same contig



**Supercontig 14 (A)**  
**length: 1,510,324 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 14 (B)**  
**length: 1,510,324 bp**

\* = less than 100bp alignment

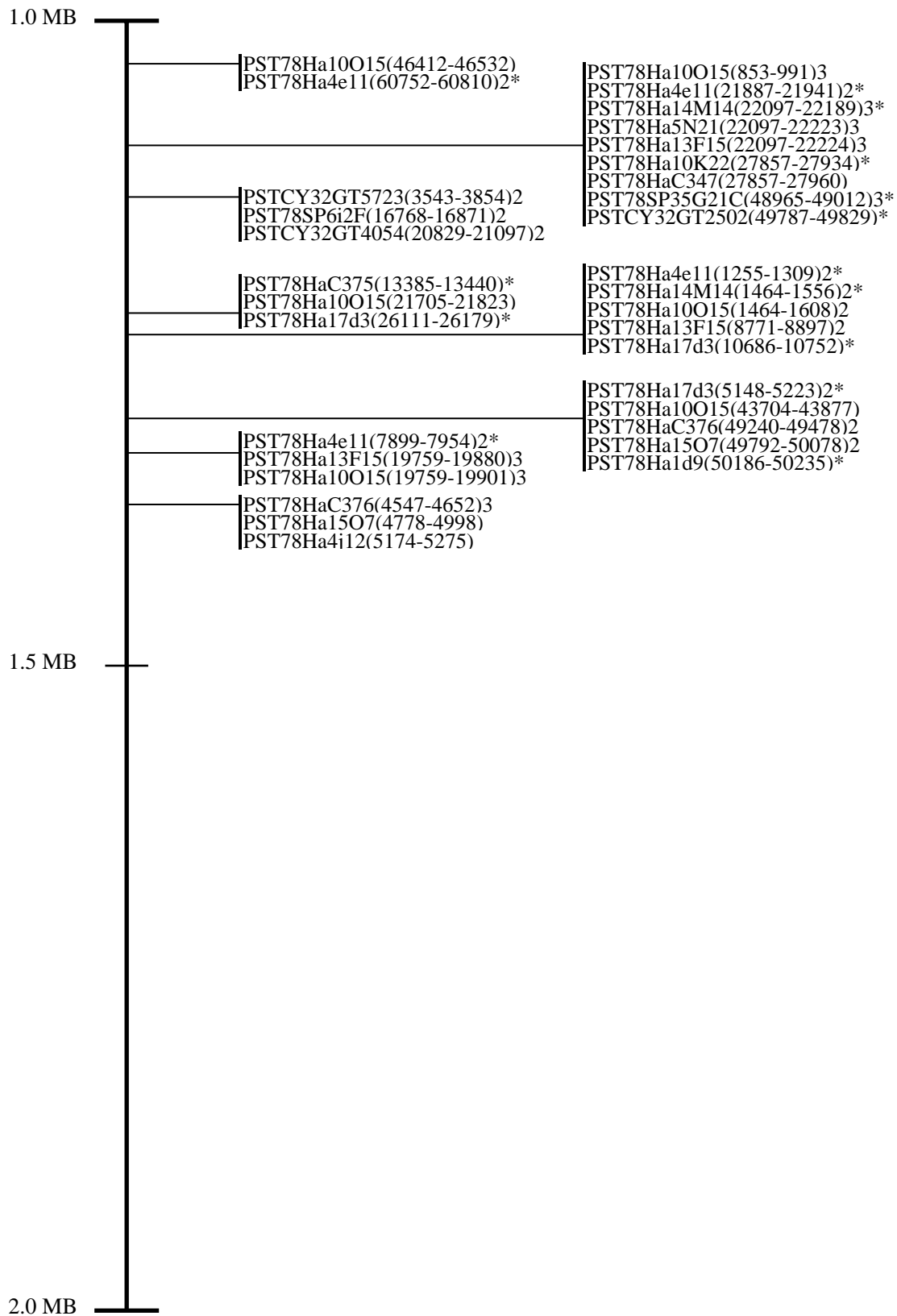
| = clones in the same contig



**Supercontig 15 (A)**  
**length: 1,374,611 bp**

\* = less than 100bp alignment

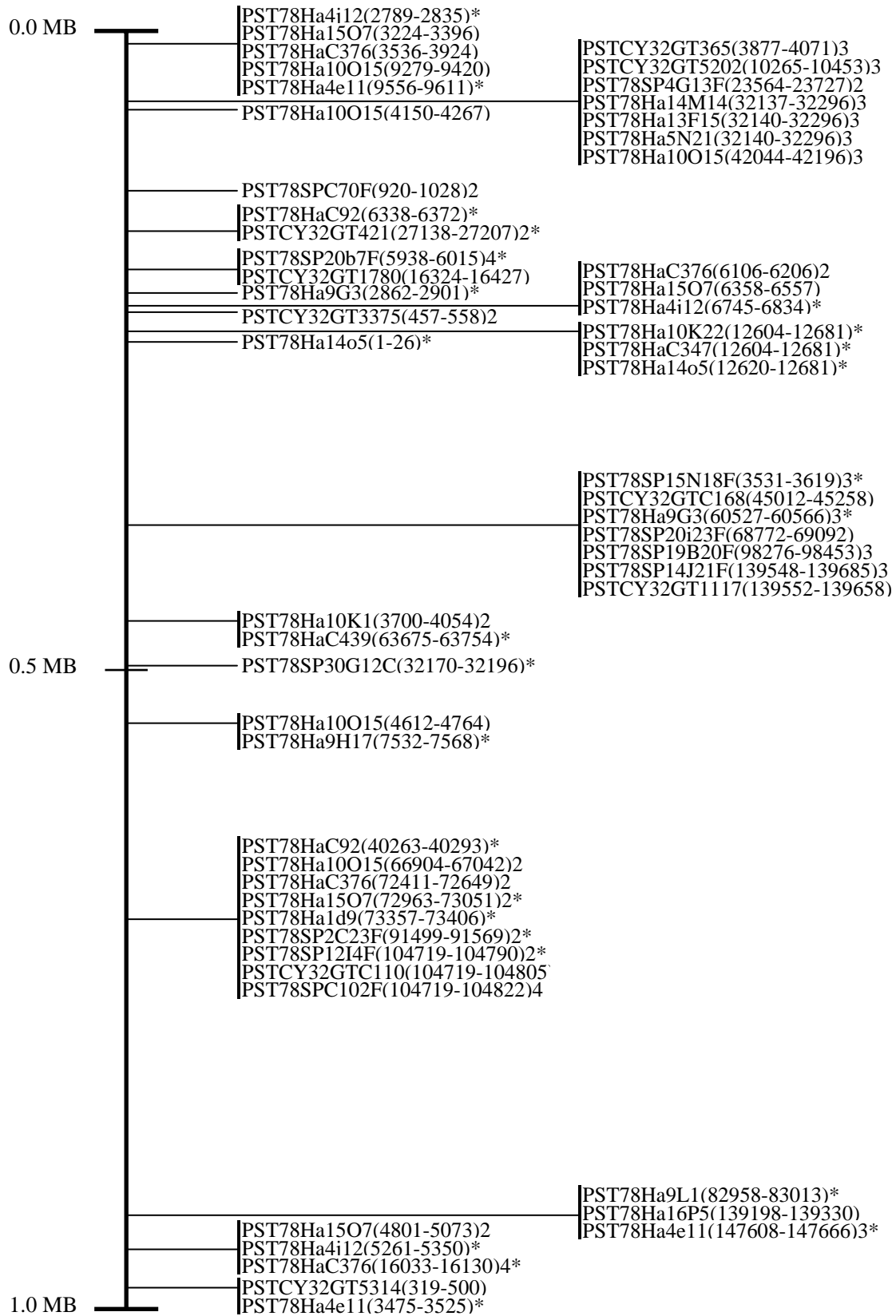
| = clones in the same contig



**Supercontig 15 (B)**  
length: 1,374,611 bp

\* = less than 100bp alignment

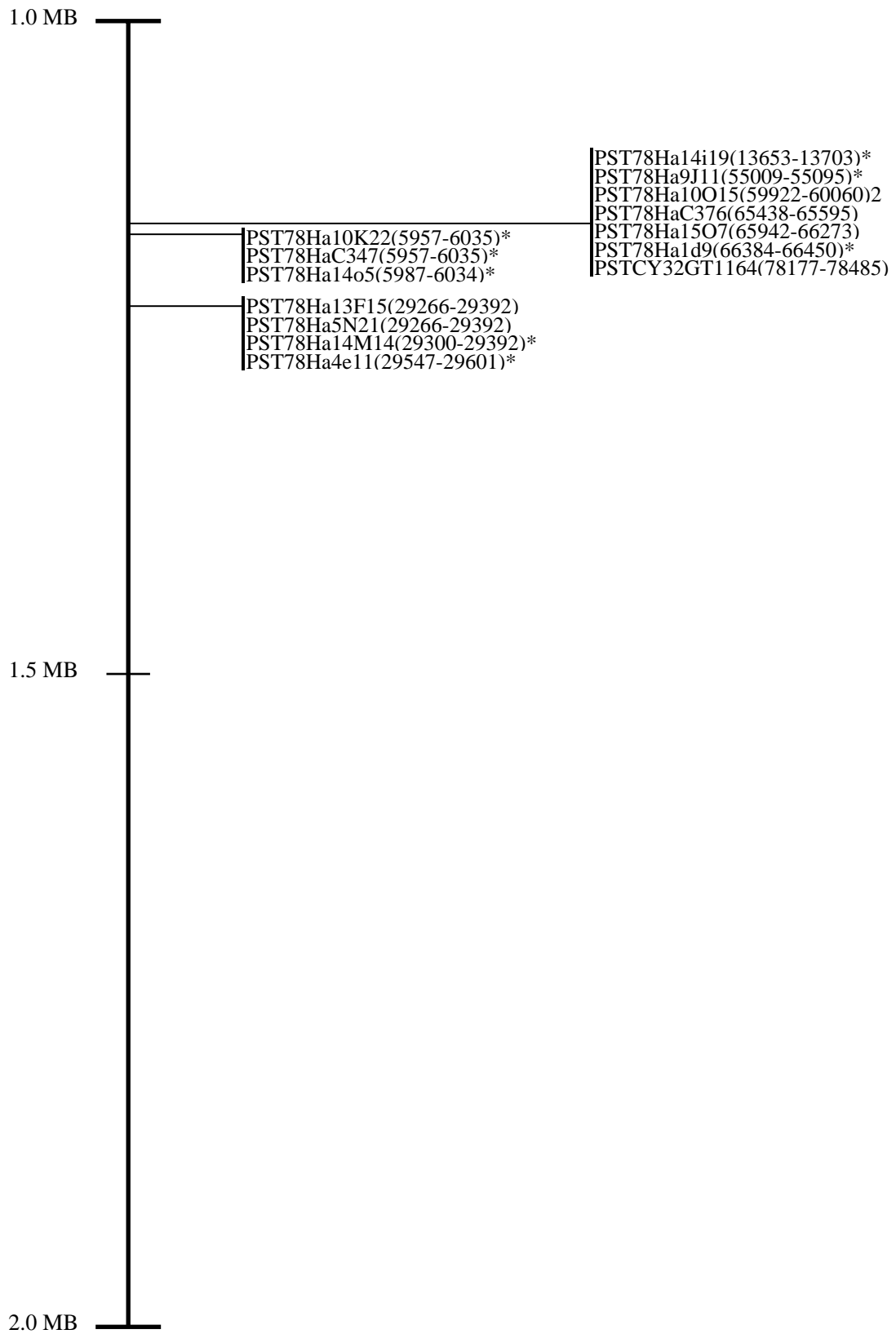
| = clones in the same contig



**Supercontig 16 (A)**  
**length: 1,217,956 bp**

\* = less than 100bp alignment

| = clones in the same contig

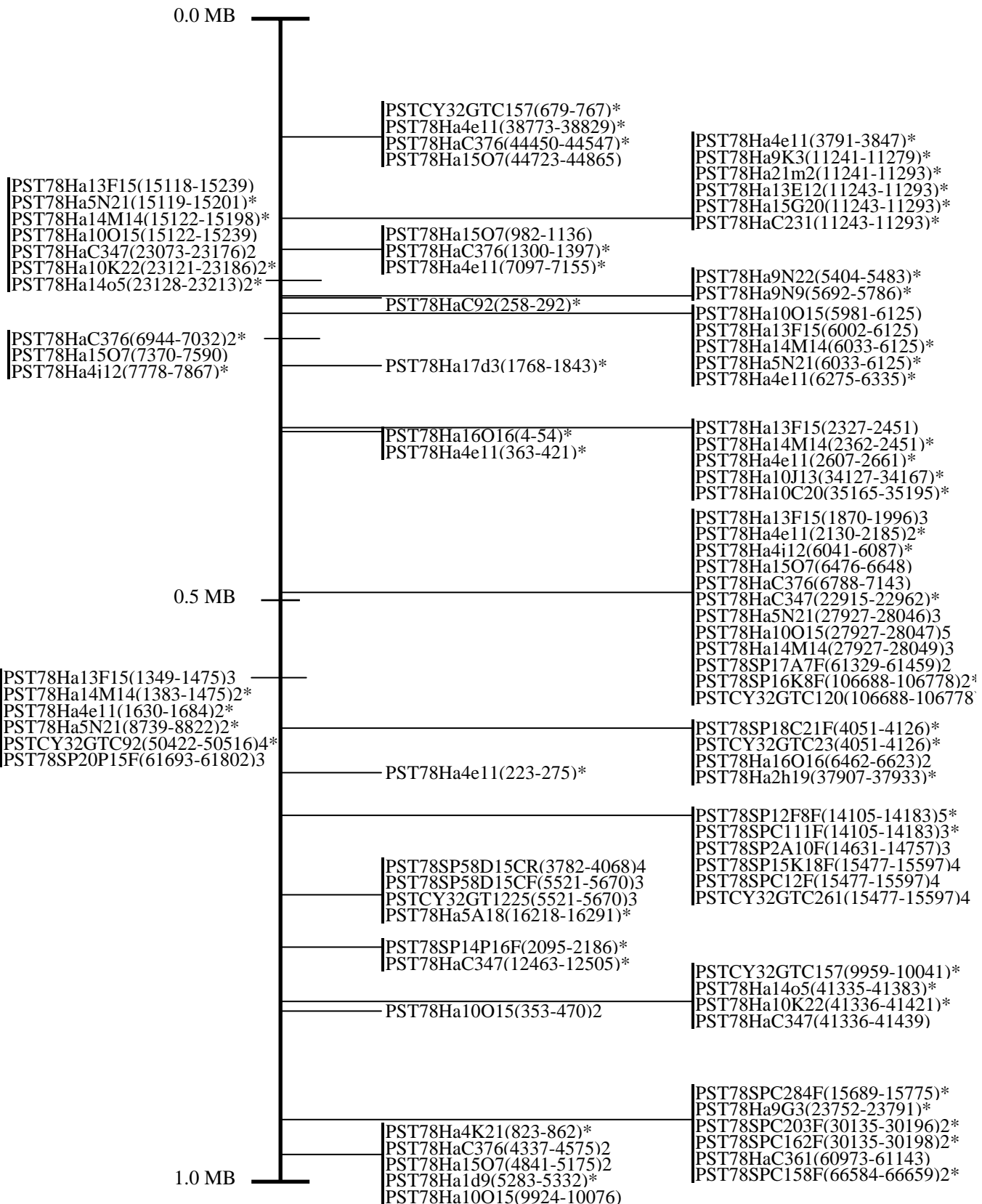


**Supercontig 16 (B)**  
**length: 1,217,956 bp**

\* = less than 100bp alignment

| = clones in the same contig

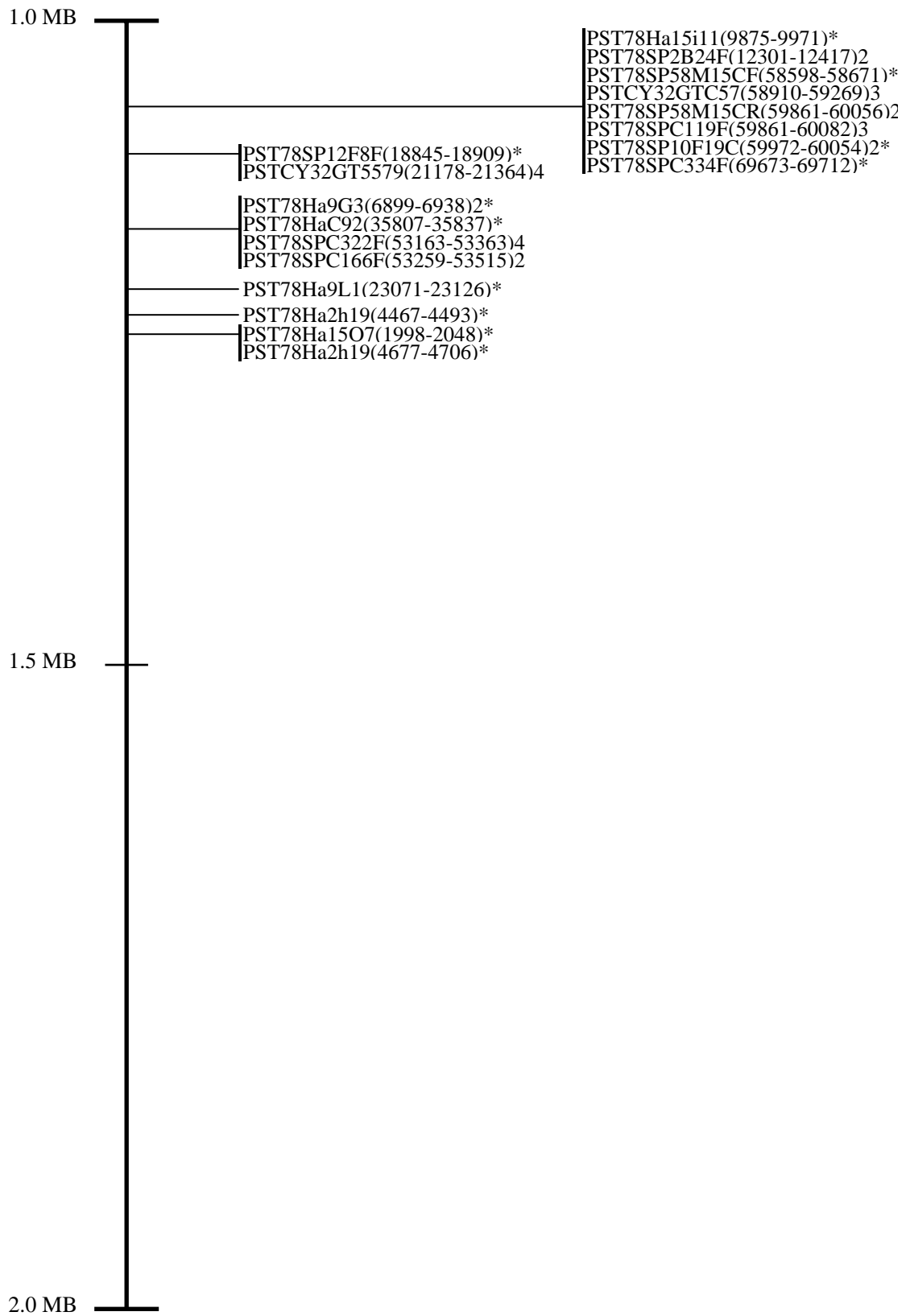




**Supercontig 17 (A)**  
**length: 1,242,959 bp**

\* = less than 100bp alignment

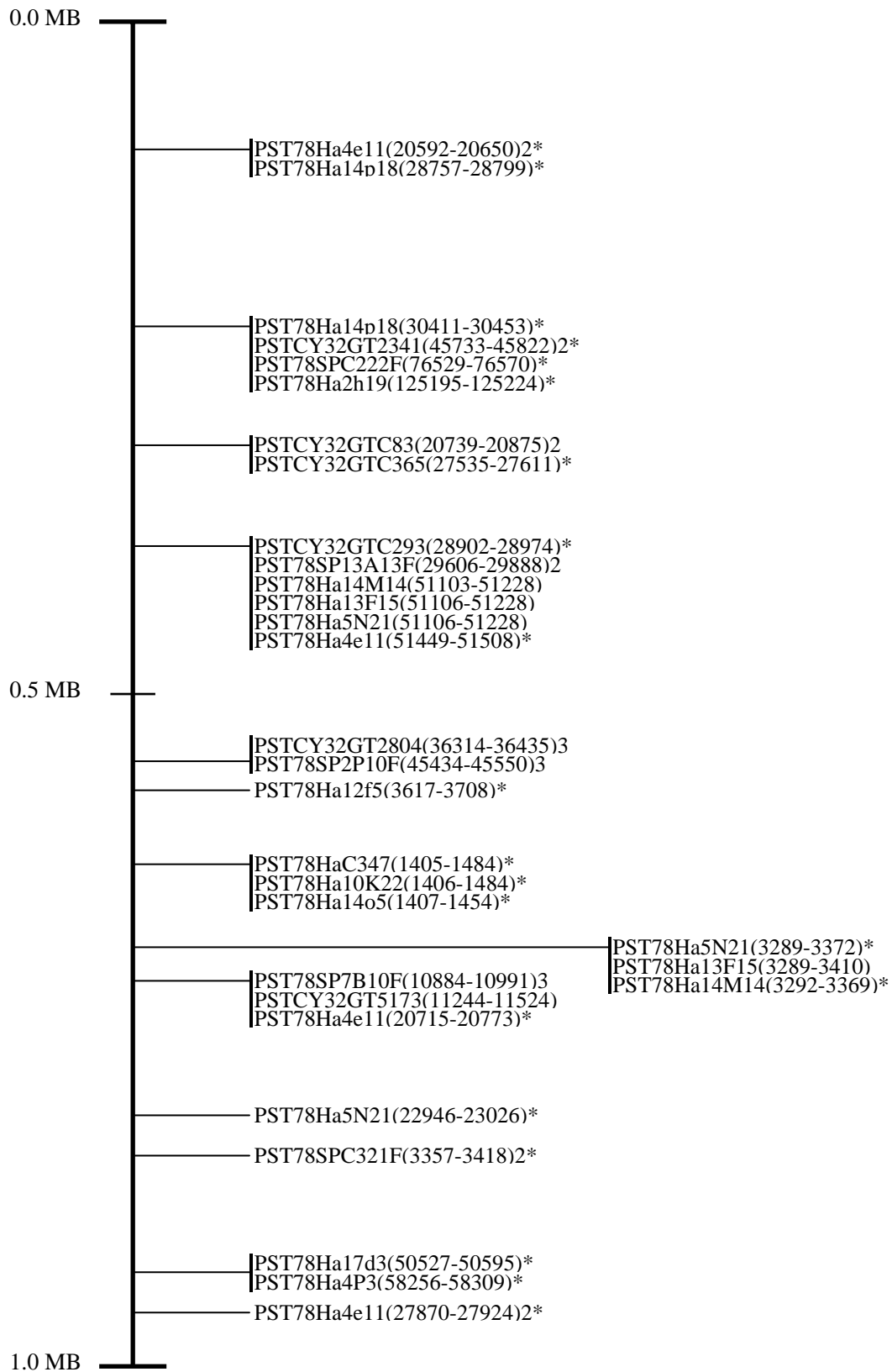
| = clones in the same contig



**Supercontig 17 (B)**  
**length: 1,242,959 bp**

\* = less than 100bp alignment

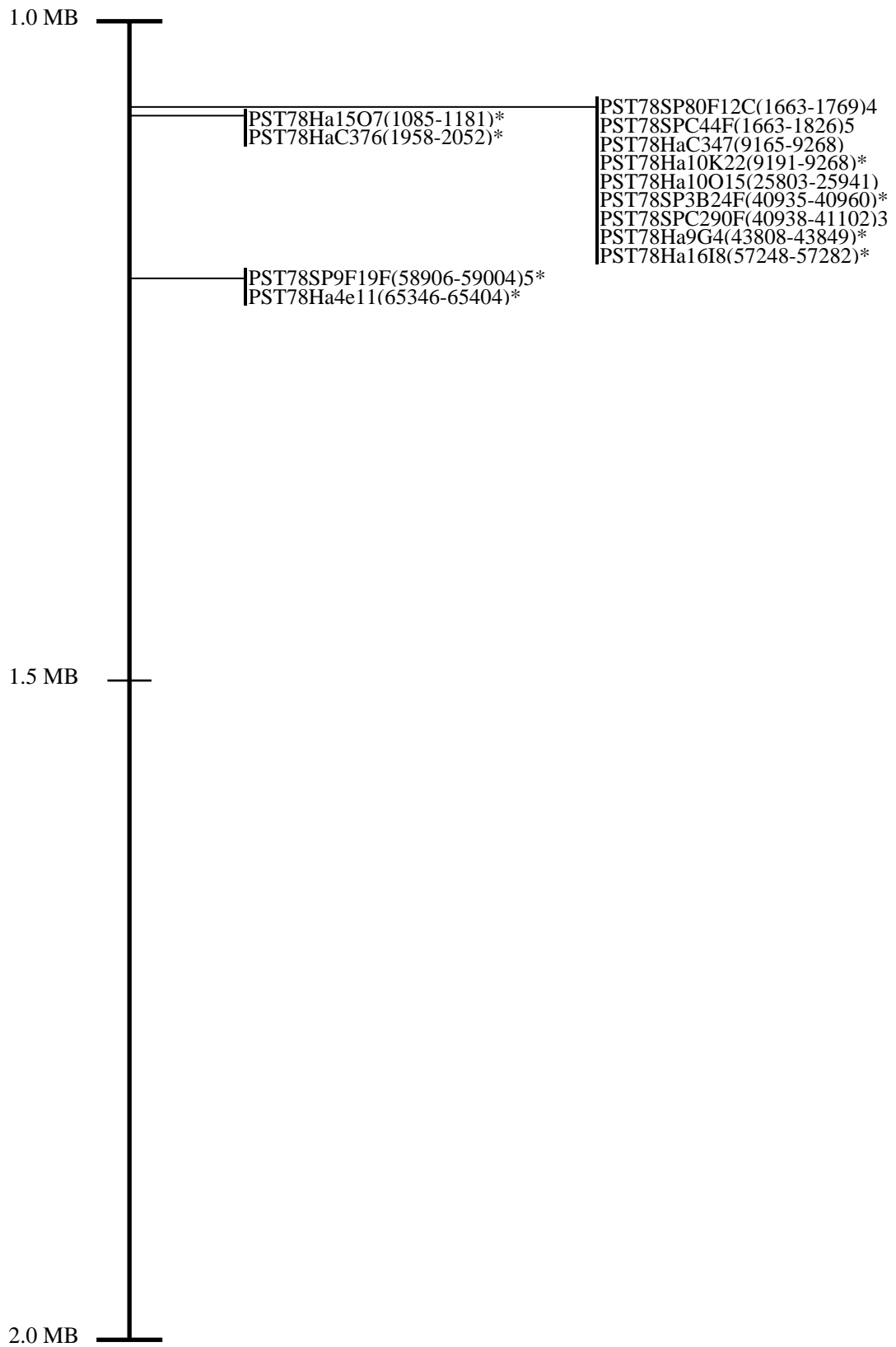
| = clones in the same contig



**Supercontig 18 (A)**  
length: 1,195,459 bp

\* = less than 100bp alignment

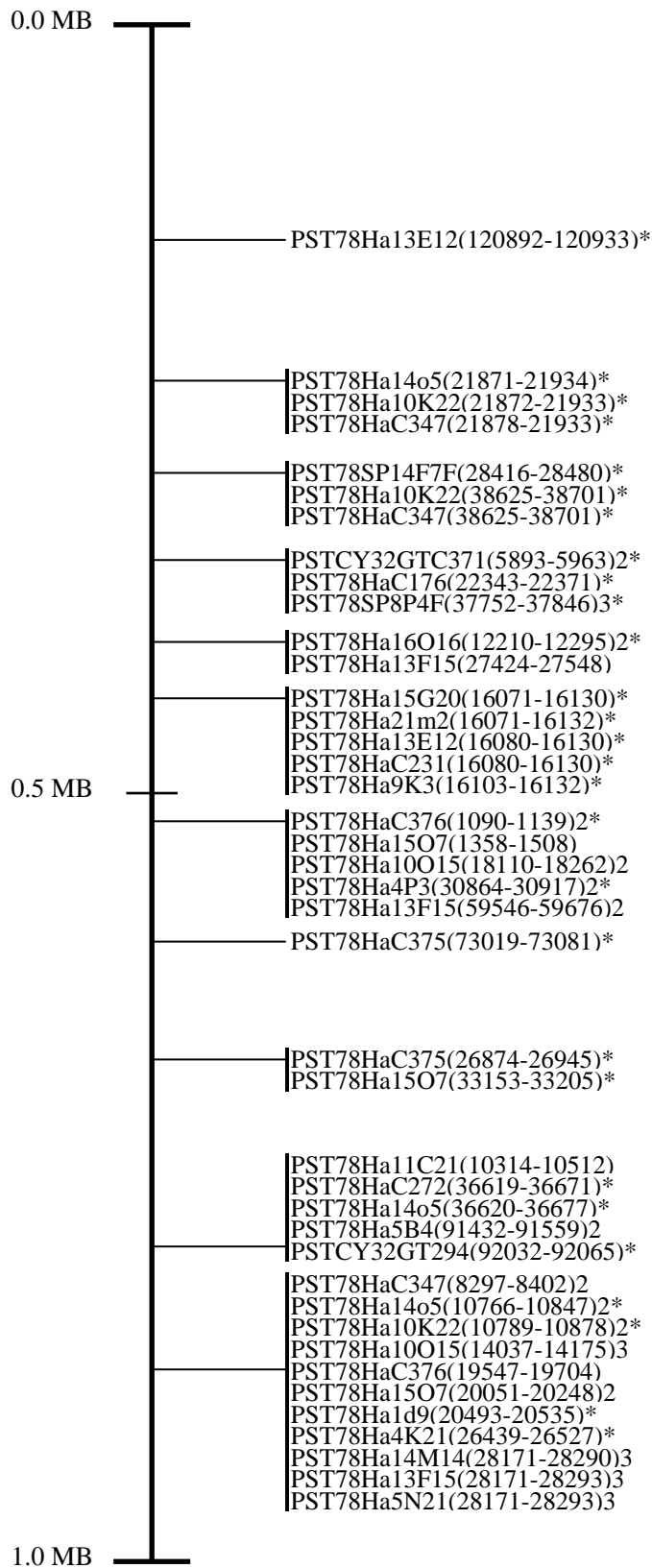
| = clones in the same contig



**Supercontig 18 (B)**  
length: 1,195,459 bp

\* = less than 100bp alignment

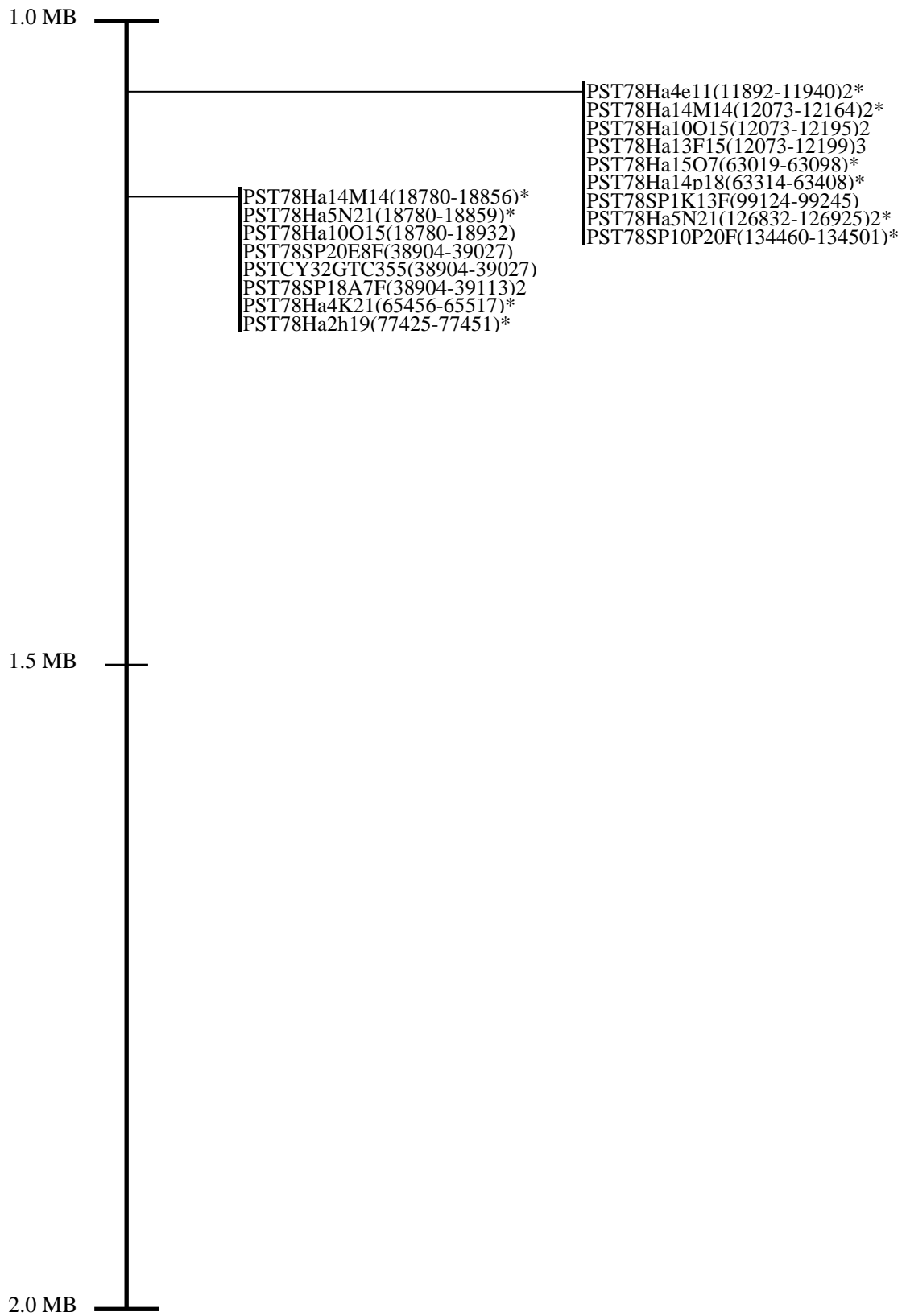
| = clones in the same contig



**Supercontig 19**  
length: 1,137,327 bp

\* = less than 100bp alignment

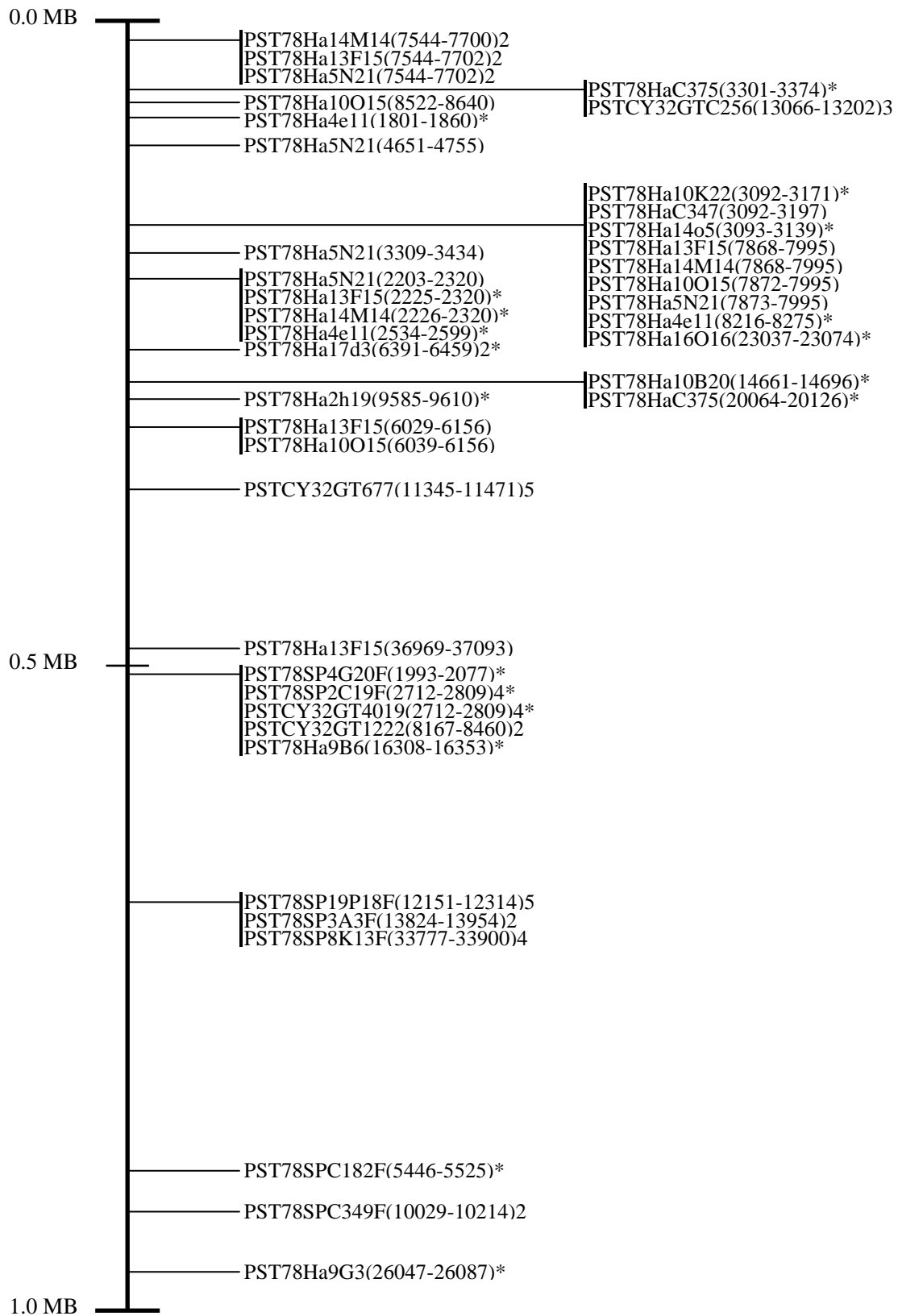
| = clones in the same contig



**Supercontig 19 (B)**  
**length: 1,137,327 bp**

\* = less than 100bp alignment

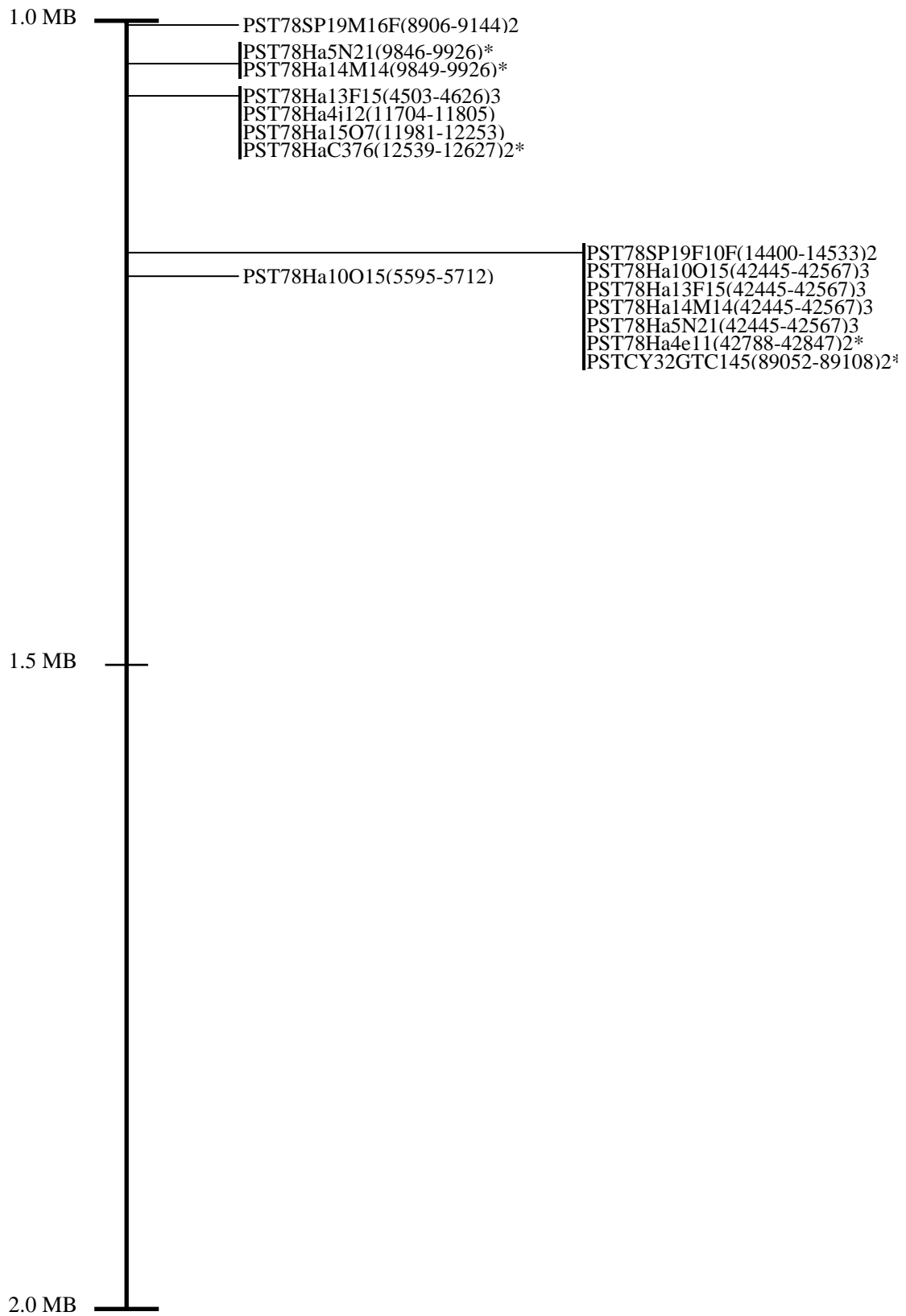
| = clones in the same contig



**Supercontig 20 (A)**  
**length: 1,198,131 bp**

\* = less than 100bp alignment

| = clones in the same contig

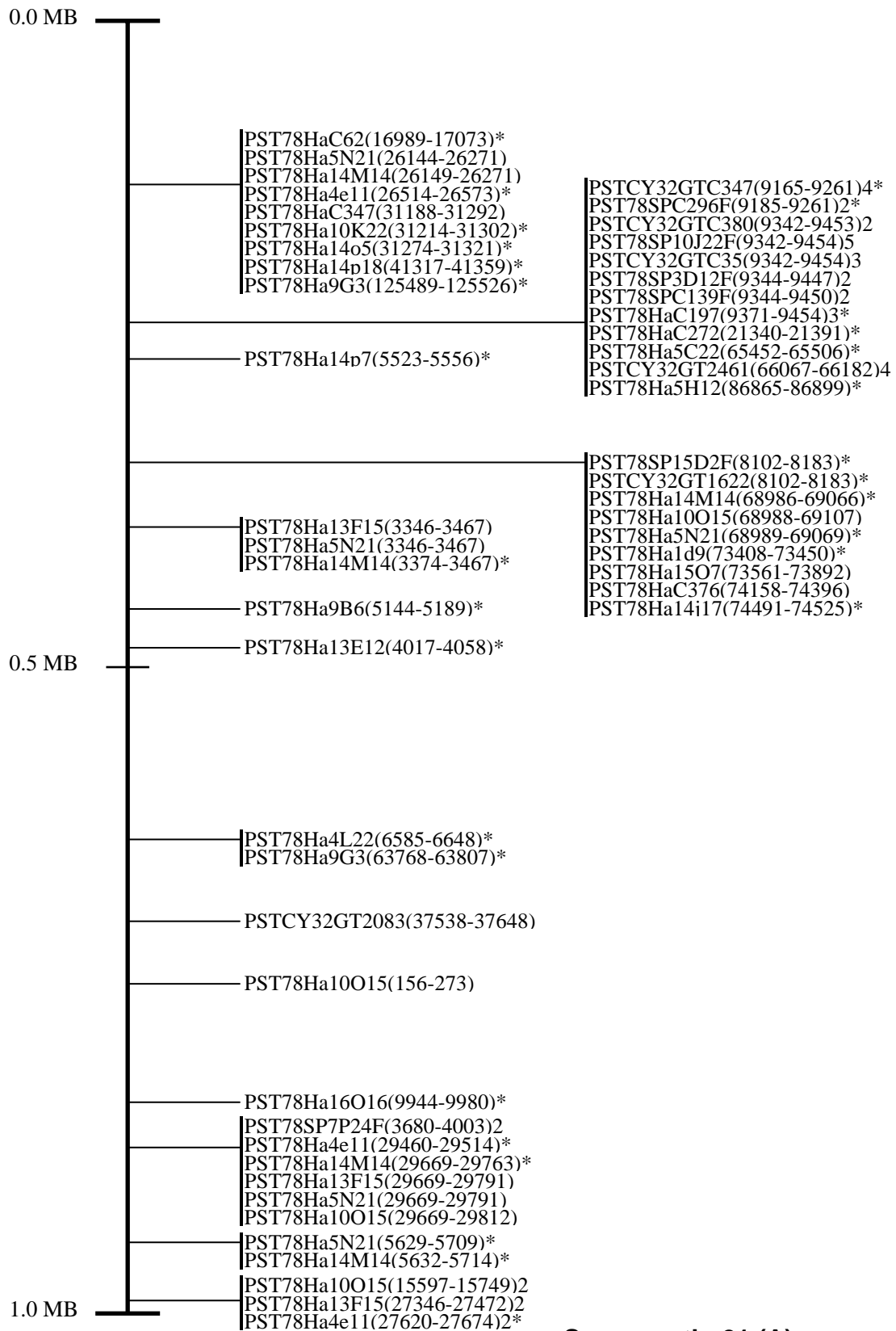


**Supercontig 20 (B)**  
**length: 1,198,131 bp**

\* = less than 100bp alignment

| = clones in the same contig

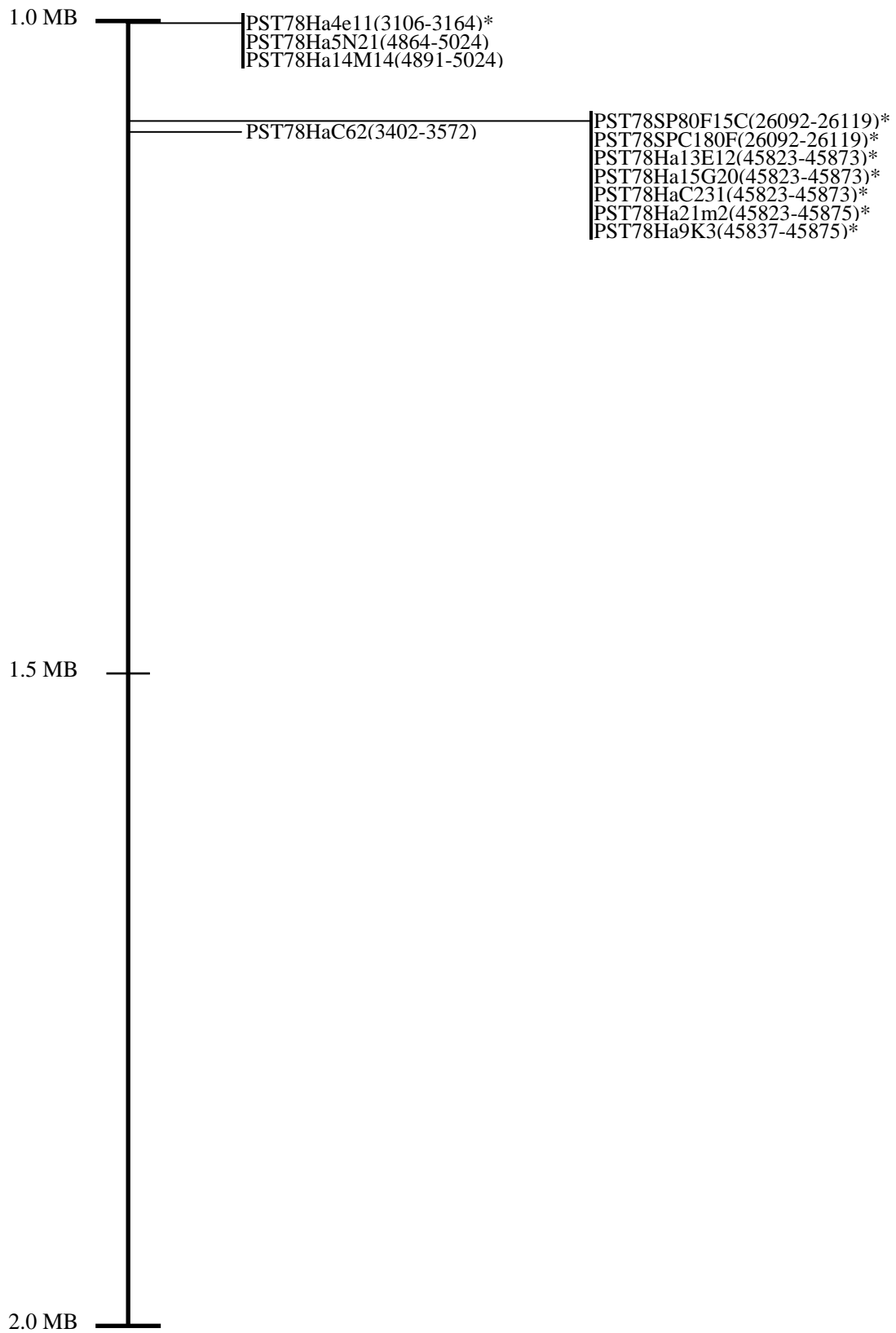




**Supercontig 21 (A)**  
**length: 1,084,580 bp**

\* = less than 100bp alignment

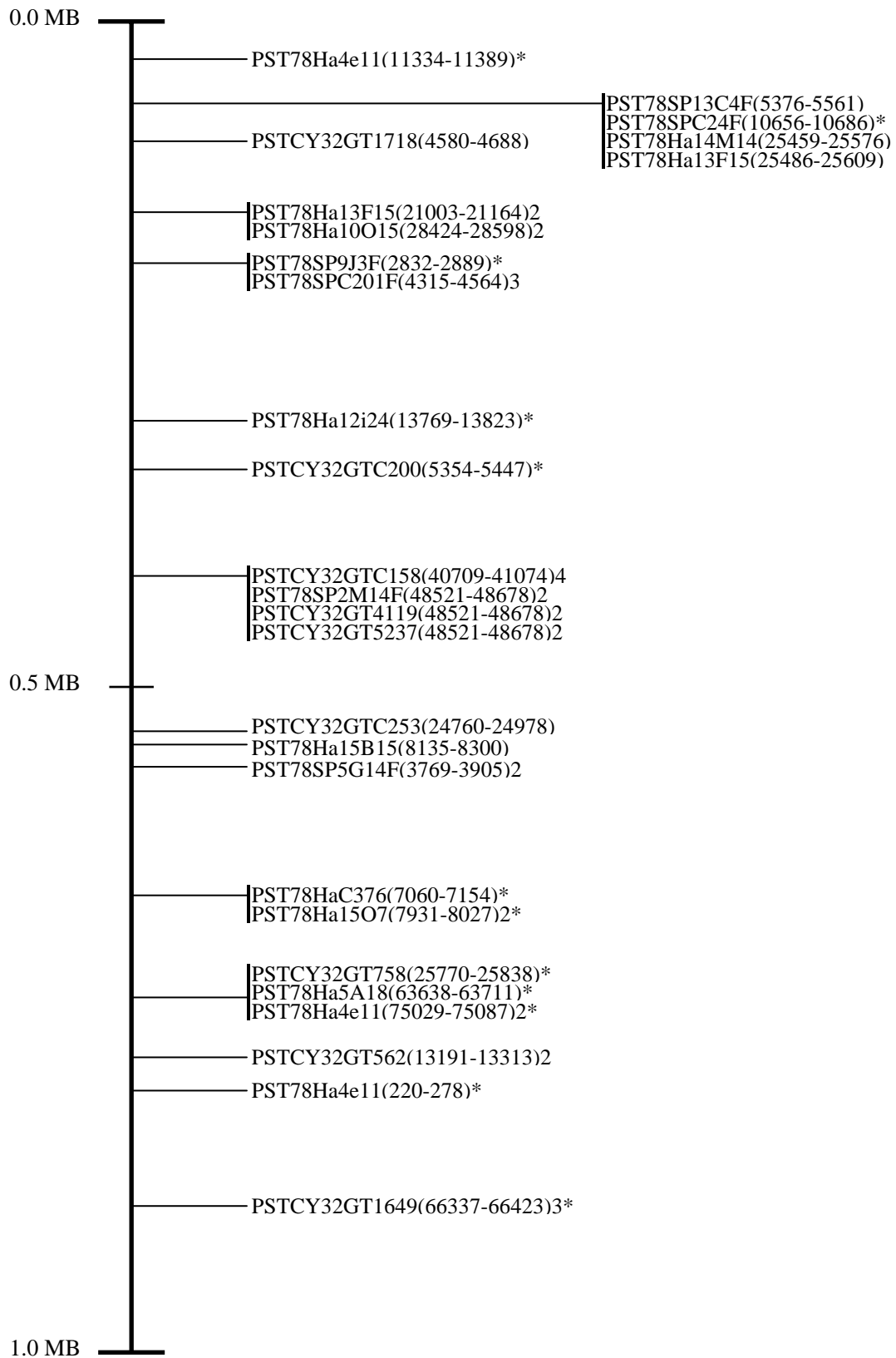
| = clones in the same contig



**Supercontig 21 (B)**  
**length: 1,084,580 bp**

\* = less than 100bp alignment

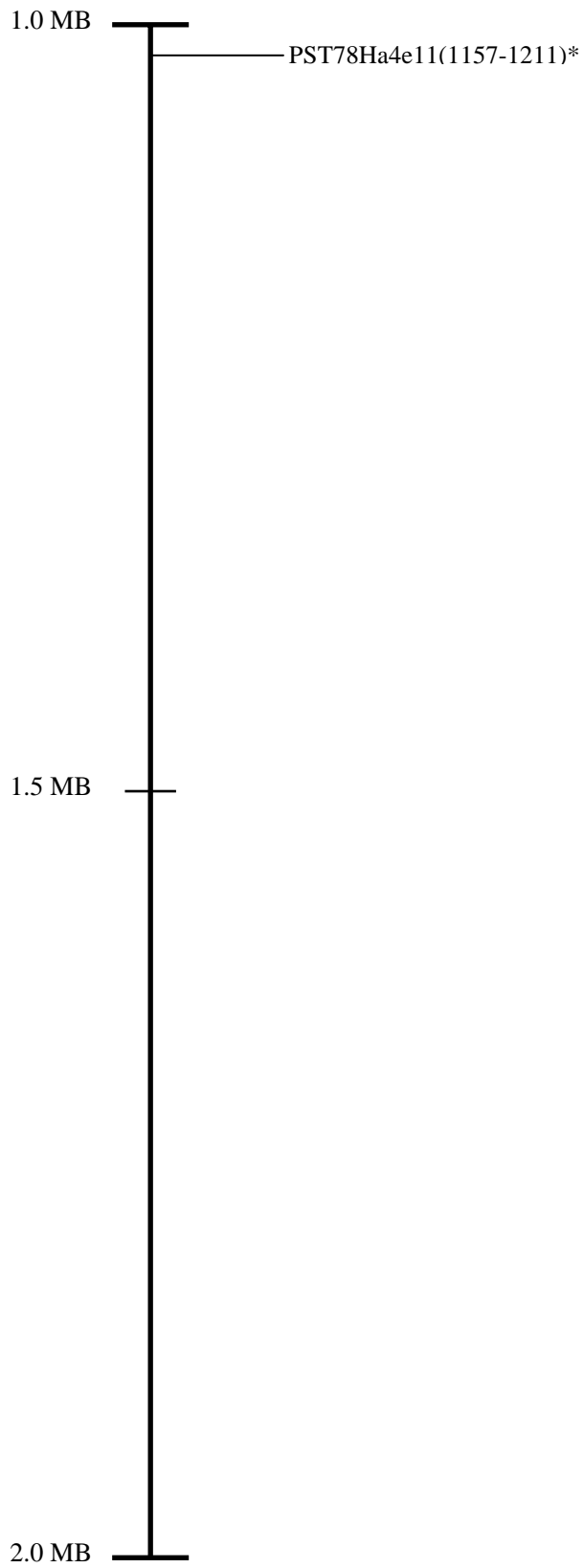
| = clones in the same contig



**Supercontig 22 (A)**  
length: 1,051,806 bp

\* = less than 100bp alignment

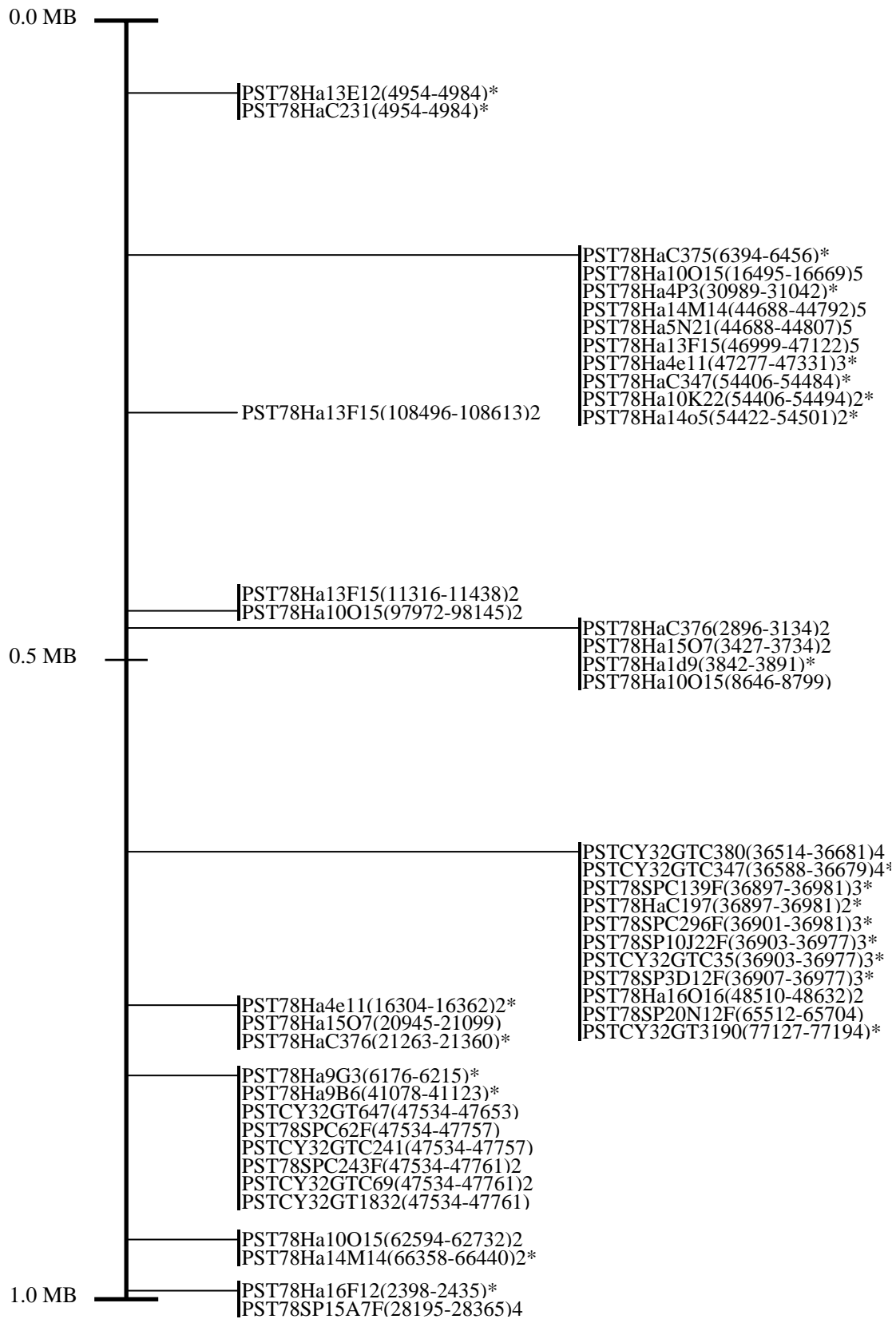
| = clones in the same contig



**Supercontig 22 (B)**  
**length: 1,051,806 bp**

\* = less than 100bp alignment

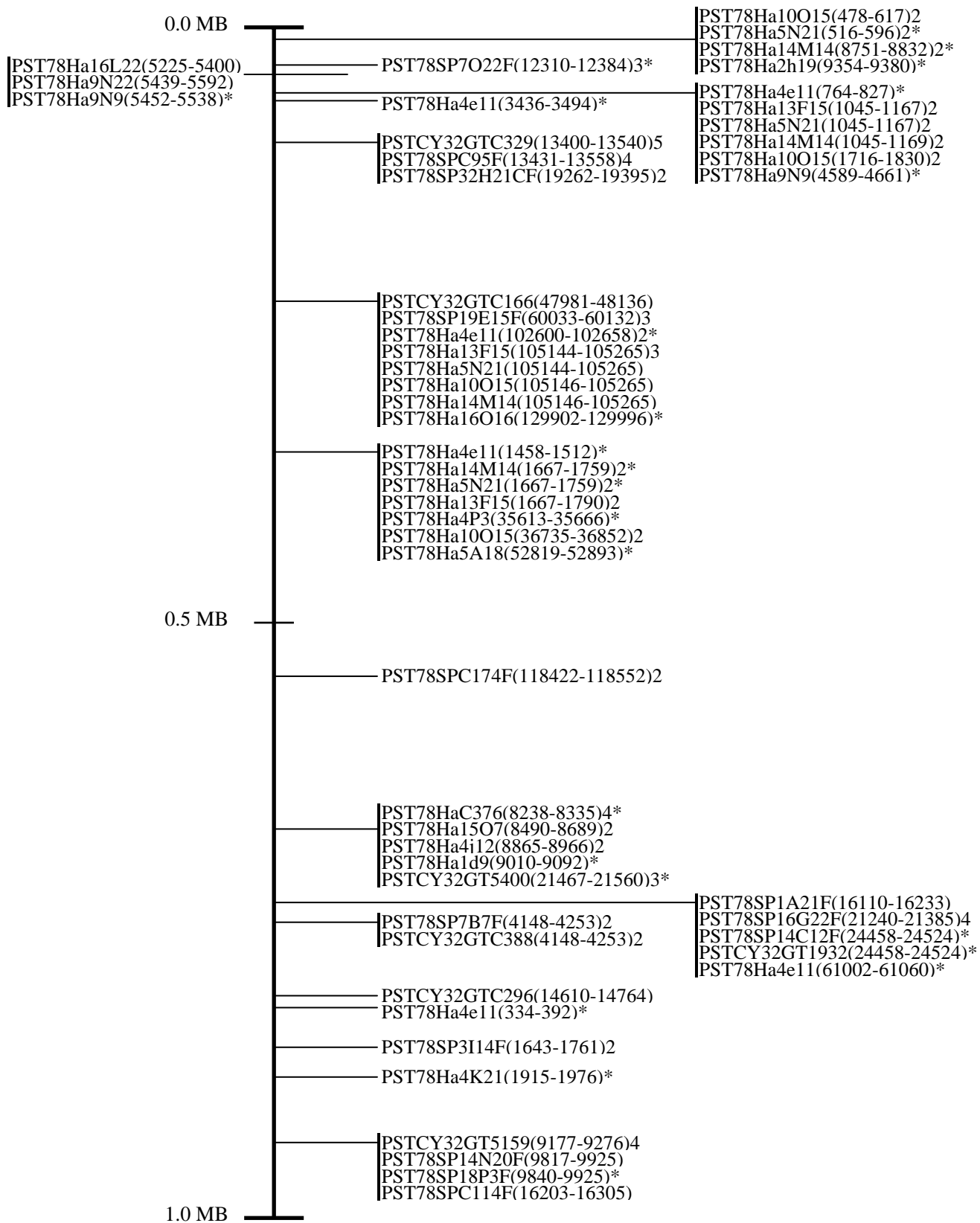
| = clones in the same contig



**Supercontig 23**  
length: 1,003,138 bp

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 24 (A)**  
**length: 1,008,357 bp**

\* = less than 100bp alignment

| = clones in the same contig

1.0 MB ——— PSTCY32GTC36(11415-11479)\*

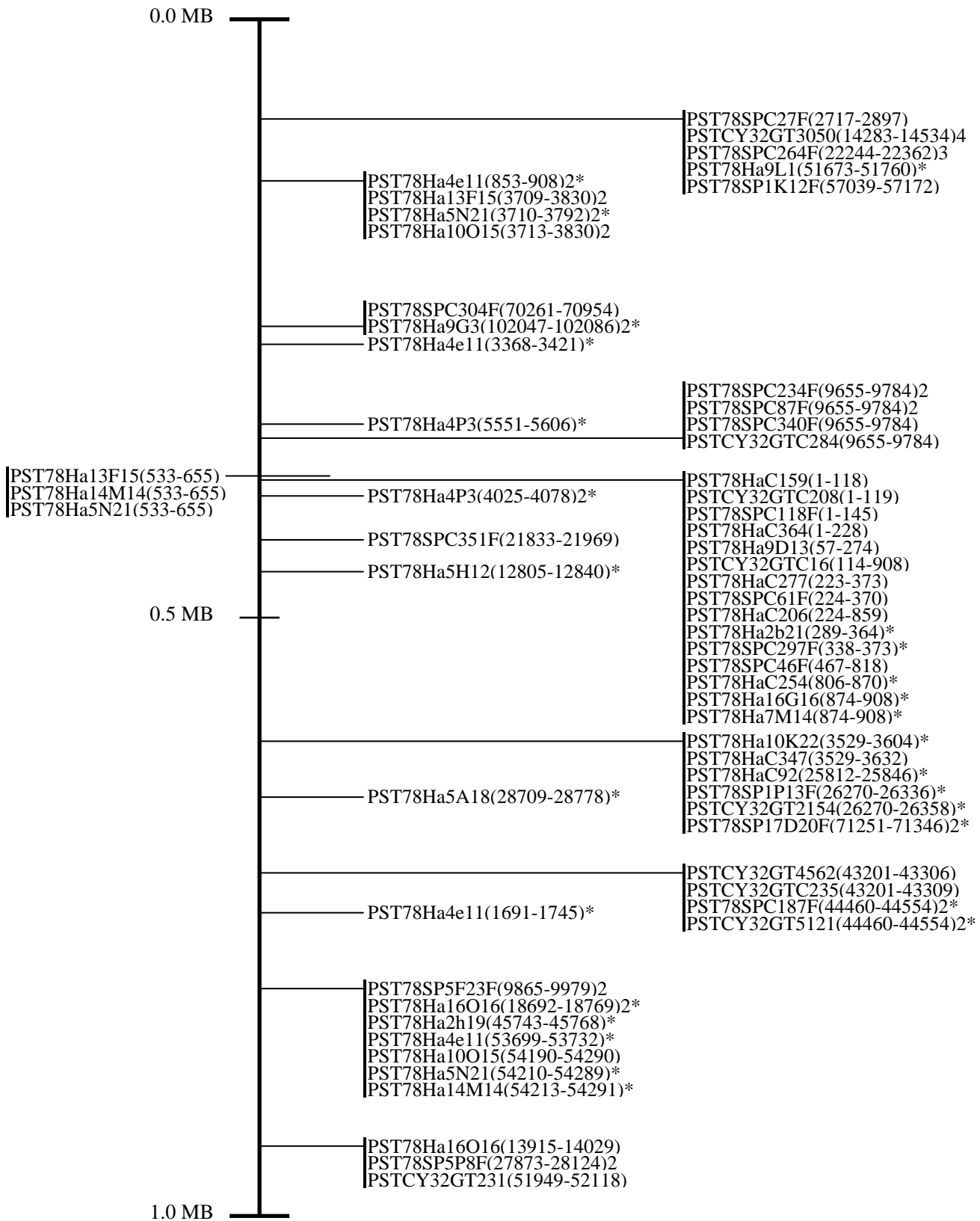
1.5 MB ———

2.0 MB ———

**Supercontig 24 (B)**  
**length: 1,008,357 bp**

\* = less than 100bp alignment

| = clones in the same contig

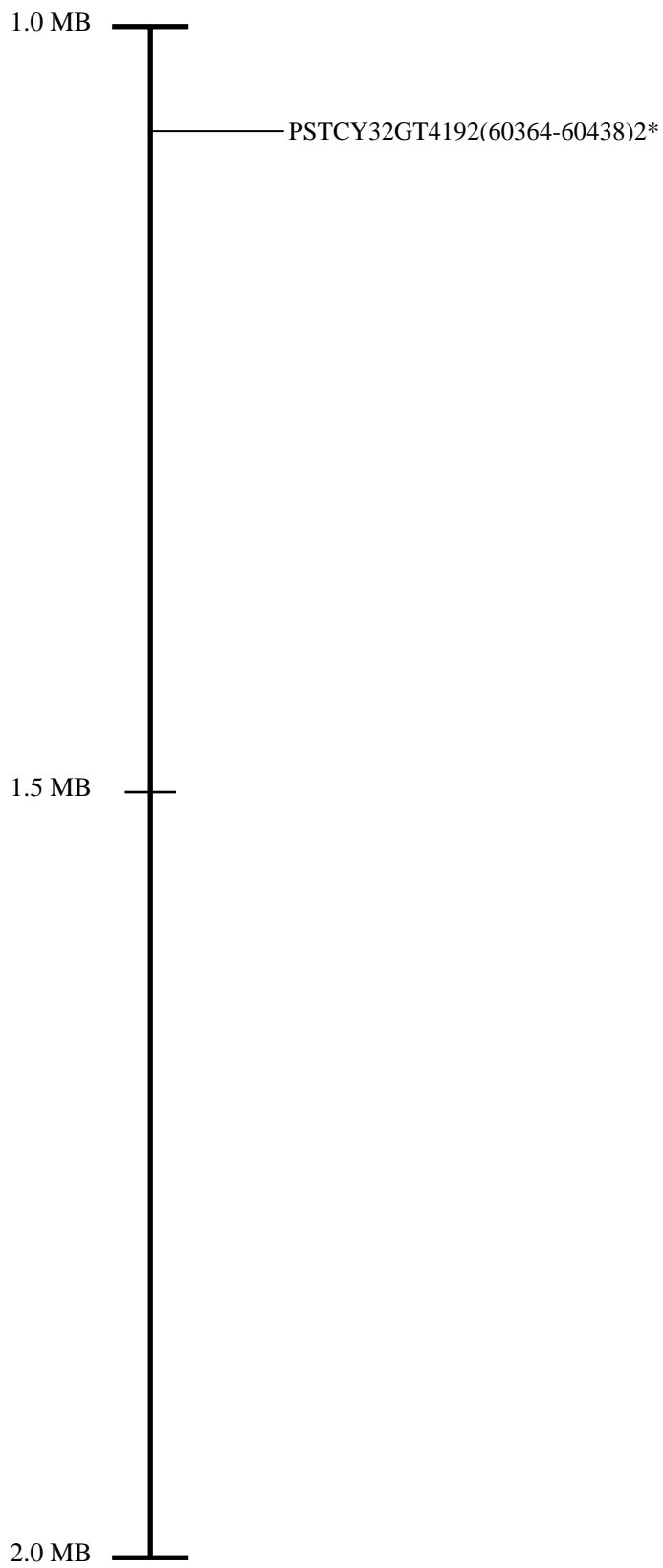


**Supercontig 25 (A)**  
**length: 1,068,291 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 25 (B)**  
**length: 1,068,291 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 26 (A)**  
**length: 1,006,249 bp**

\* = less than 100bp alignment

| = clones in the same contig

1.0 MB ——— | PST78Ha13F15(4512-4668)  
| PST78Ha14M14(4512-4668)  
| PST78Ha5N21(4512-4668)

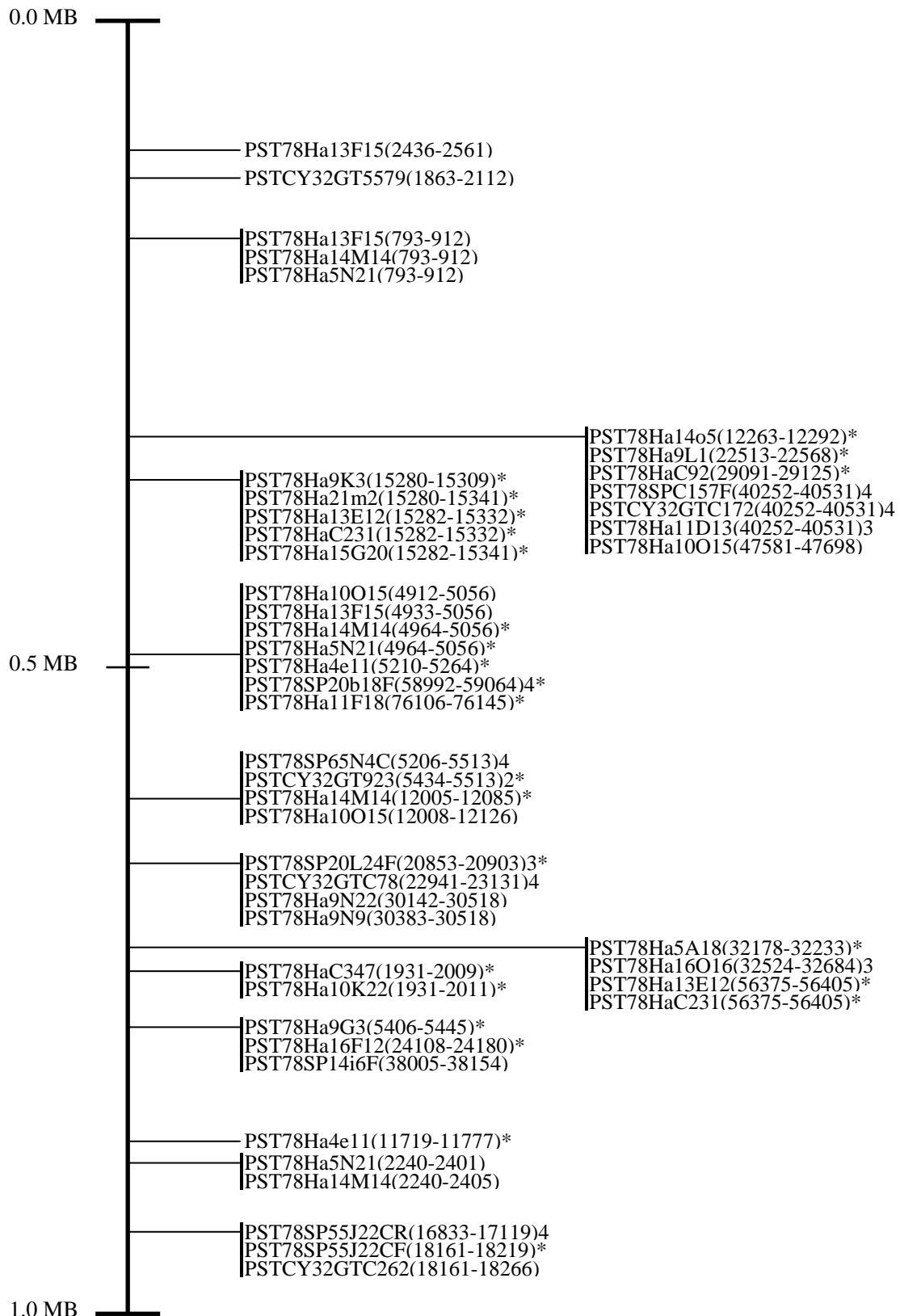
1.5 MB ———

2.0 MB ———

**Supercontig 26 (B)**  
**length: 1,006,249 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 27 (A)**  
**length: 1,005,714 bp**

\* = less than 100bp alignment

| = clones in the same contig

1.0 MB ——— PST78Ha9F14(3874-4007)2

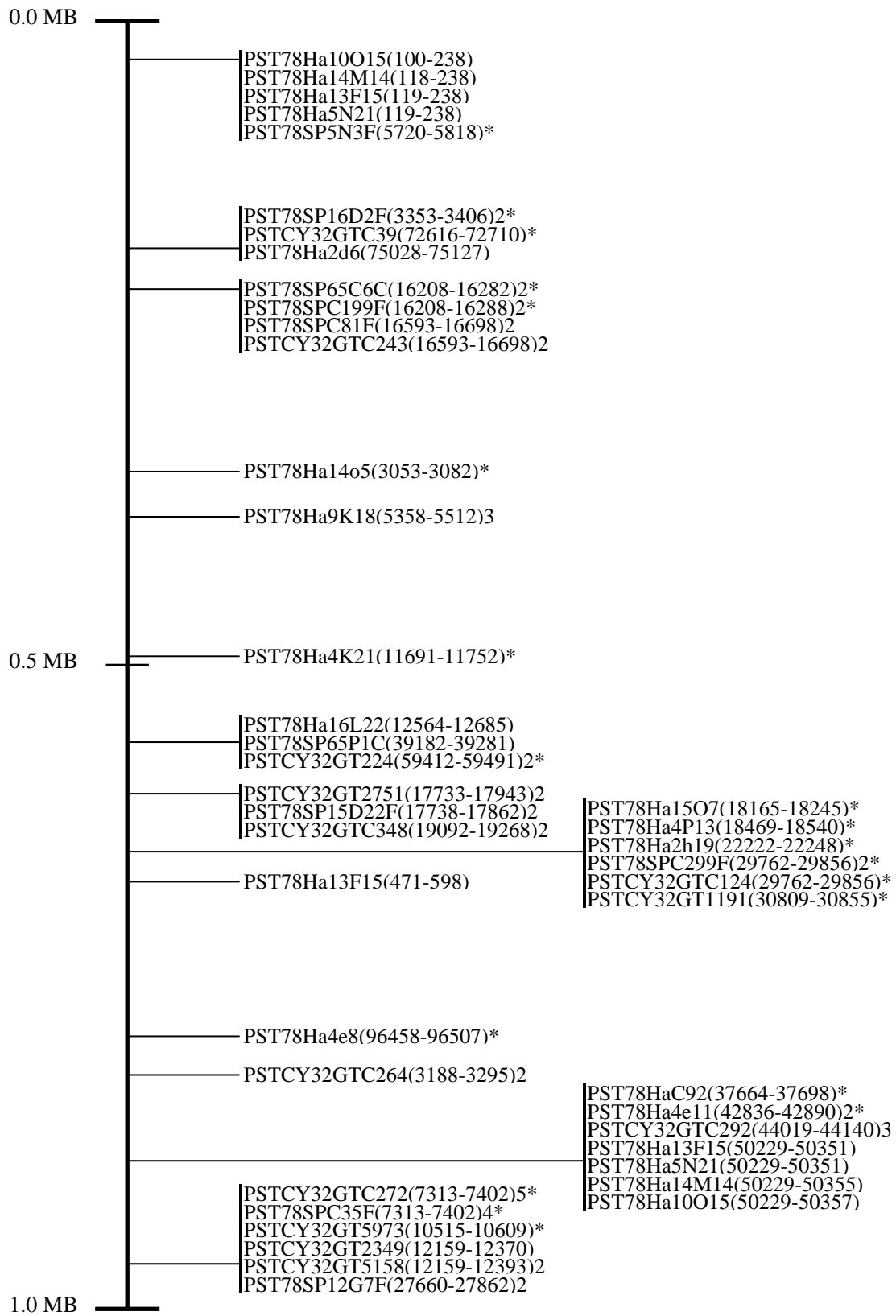
1.5 MB

2.0 MB

**Supercontig 27**  
**length: 1,005,714 bp**

\* = less than 100bp alignment

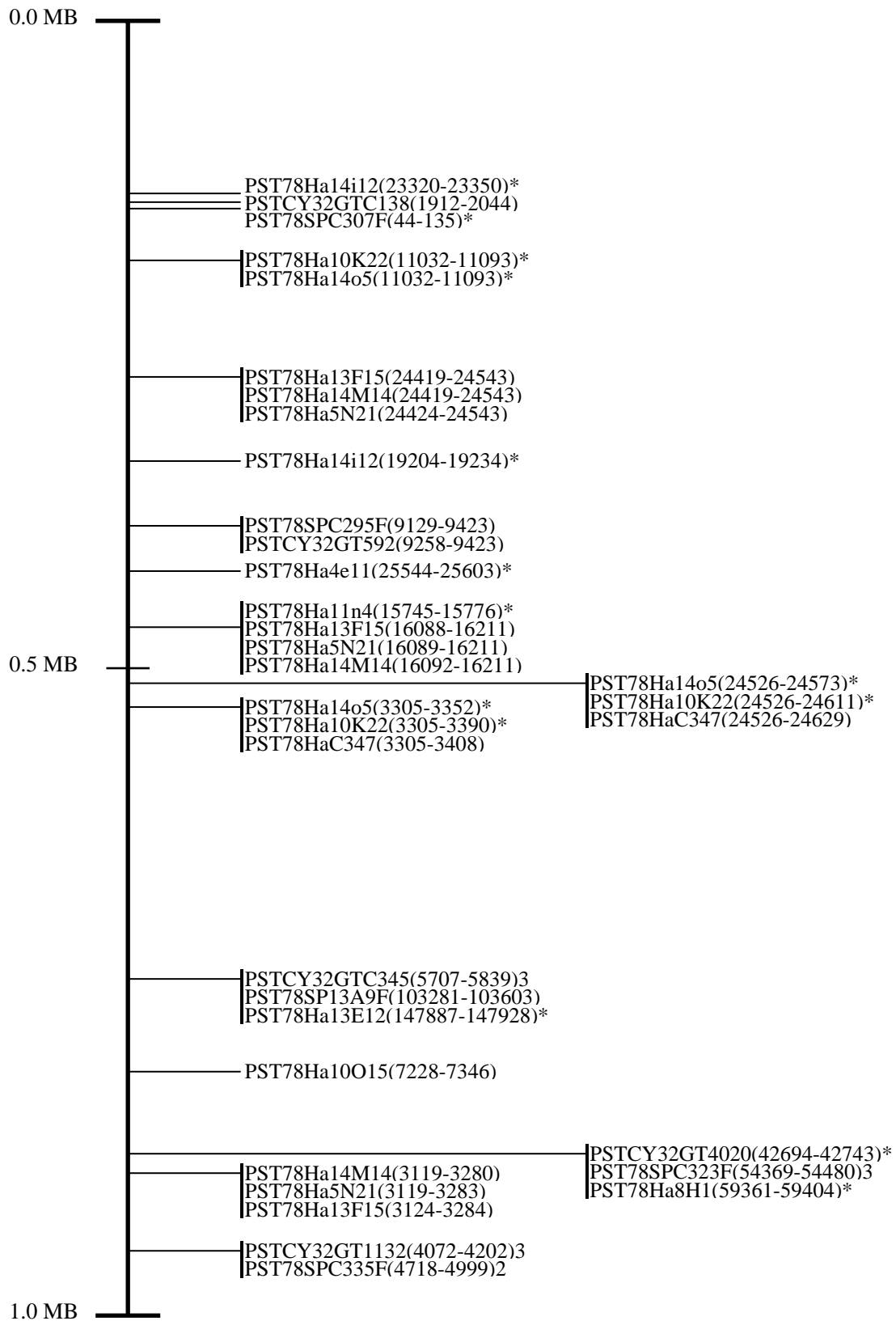
| = clones in the same contig



**Supercontig 28**  
**length: 964,966 bp**

\* = less than 100bp alignment

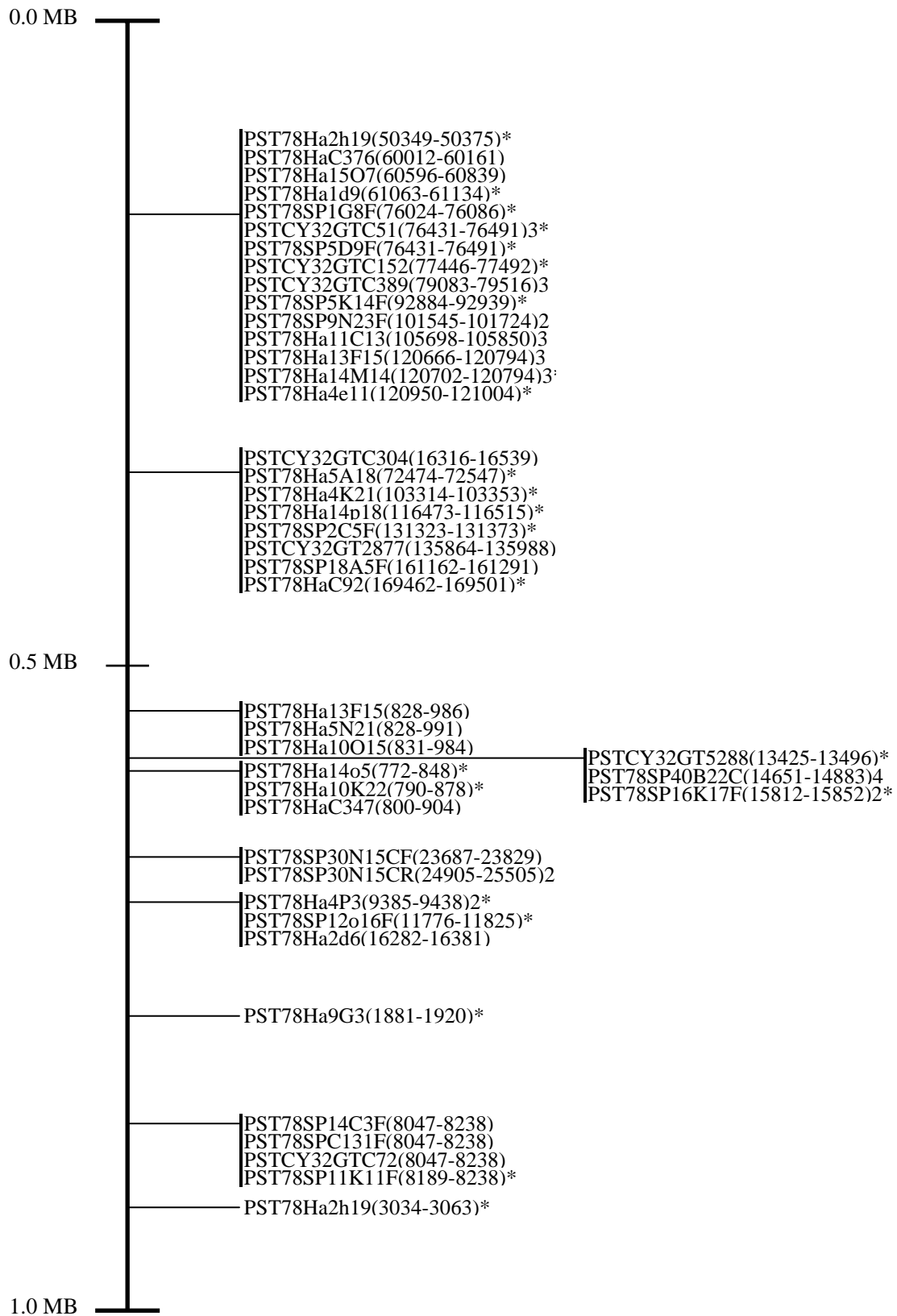
| = clones in the same contig



**Supercontig 29**  
**length: 999,150 bp**

\* = less than 100bp alignment

| = clones in the same contig

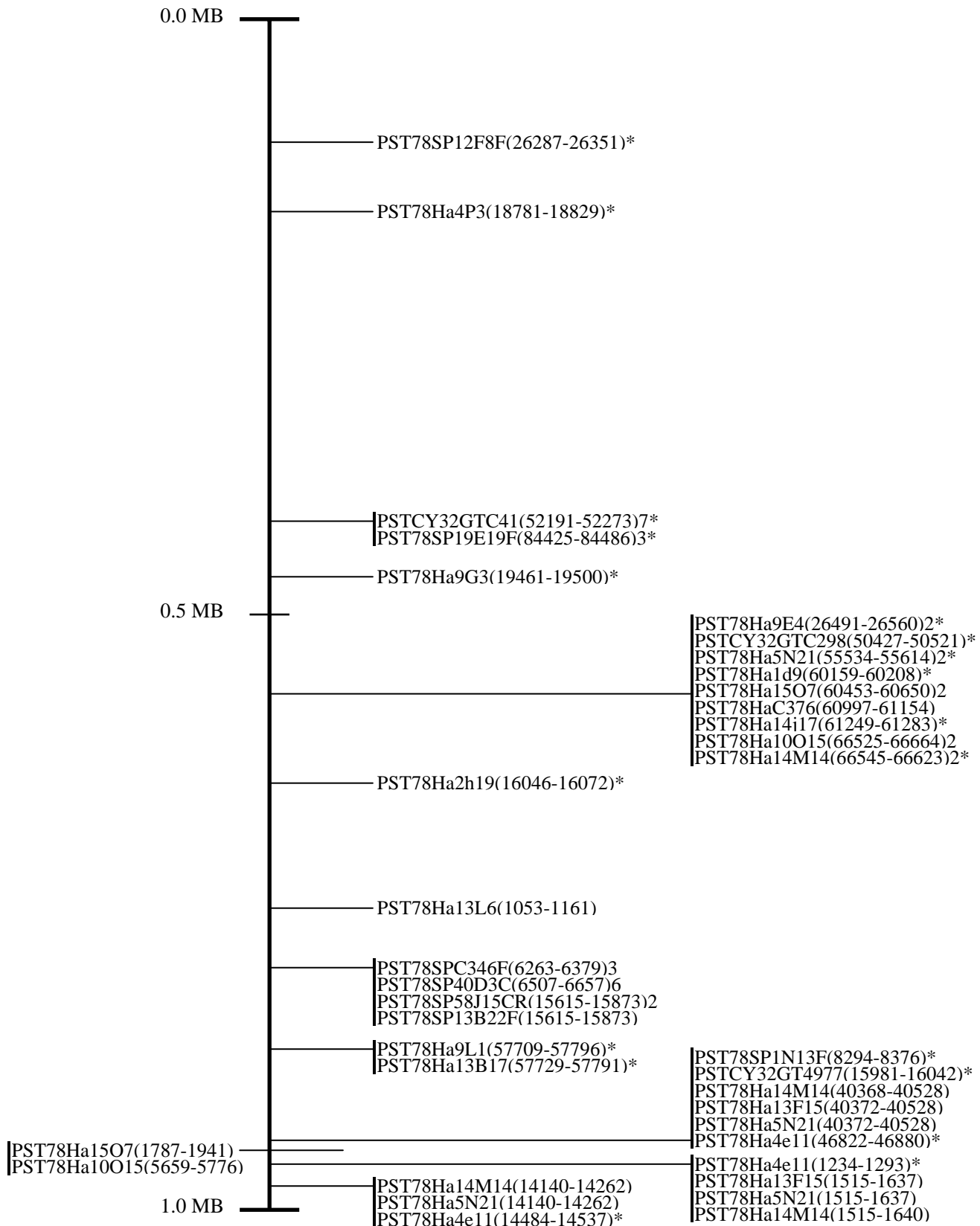


**Supercontig 30**  
**length: 919,905 bp**

\* = less than 100bp alignment

| = clones in the same contig

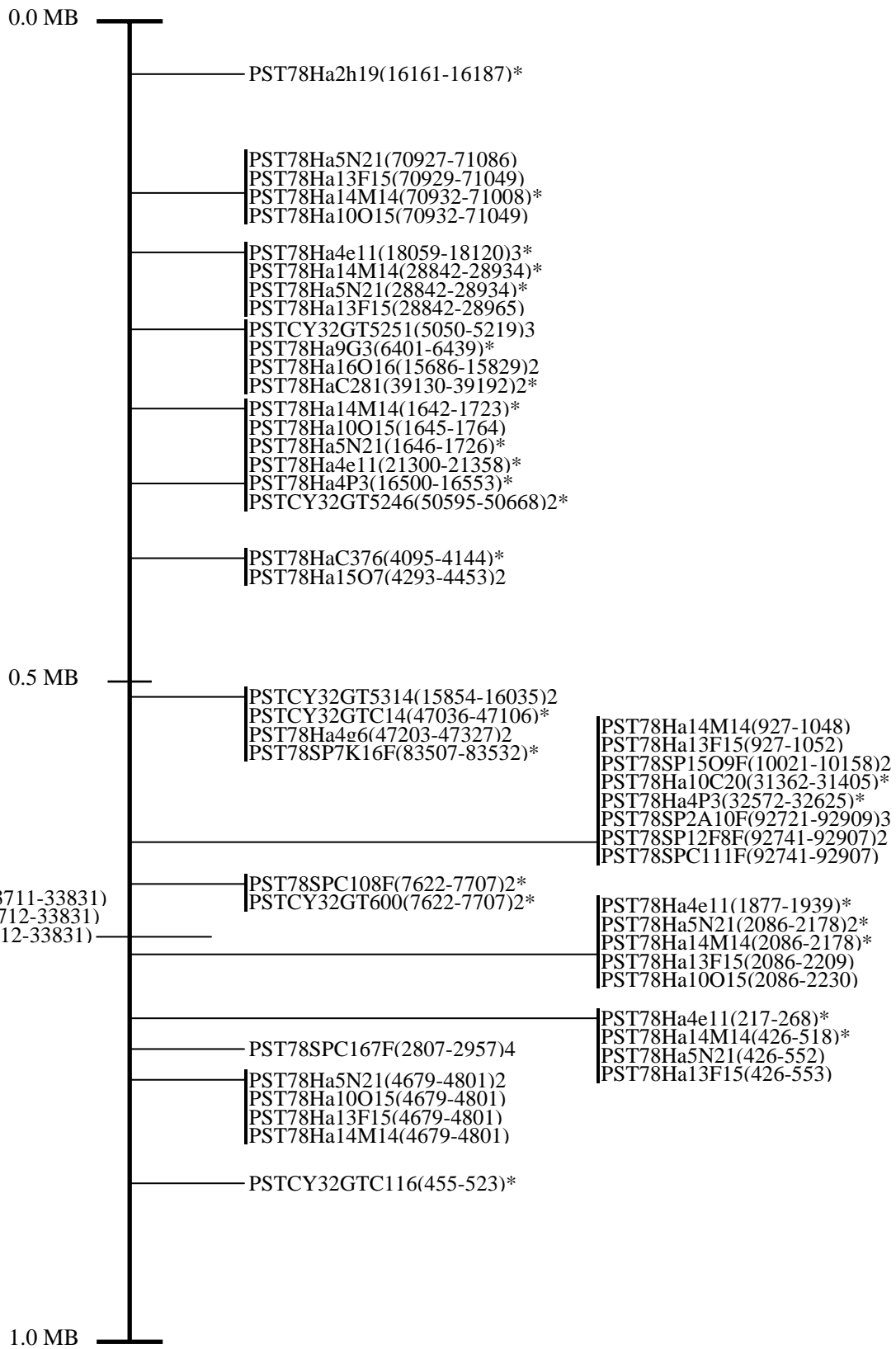




**Supercontig 31**  
length: 986,084 bp

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 32**  
**length: 894,979 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB

PST78HaC177(1-308)  
PST78SPC118F(1-1001)  
PSTCY32GTC208(1-1530)  
PST78SP90D5CF(6-388)2  
PST78HaC165(122-511)  
PST78Ha16G17(145-290)  
PST78HaC27(180-618)  
PST78HaC149(200-1085)  
PST78SPC189F(202-265)\*  
PST78HaC274(311-568)  
PST78SPC53F(311-1684)  
PST78HaC280(521-1515)  
PST78HaC204(620-1085)2  
PST78Ha16D20(661-1026)  
PSTCY32GT4528(682-756)\*  
PST78Ha12B12(1085-1343)  
PST78Ha21g10(1115-1343)  
PST78SP90D5CR(1259-1802)  
PST78SP40A4C(1308-1362)\*  
PST78HaC365(1405-1521)  
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PST78Ha21L13(1732-1791)\*  
PST78Ha2L15(1732-1799)\*  
PST78Ha6O2(1739-1804)\*  
PST78HaC378(1739-1804)\*  
PST78HaC441(1747-1804)\*  
PST78SPC282F(1747-1804)\*  
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PST78HaC111(1770-1804)\*  
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PST78SPC241F(1770-1804)\*  
PSTCY32GTC248(1770-1804)\*  
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PST78Ha12o9(1780-1804)\*  
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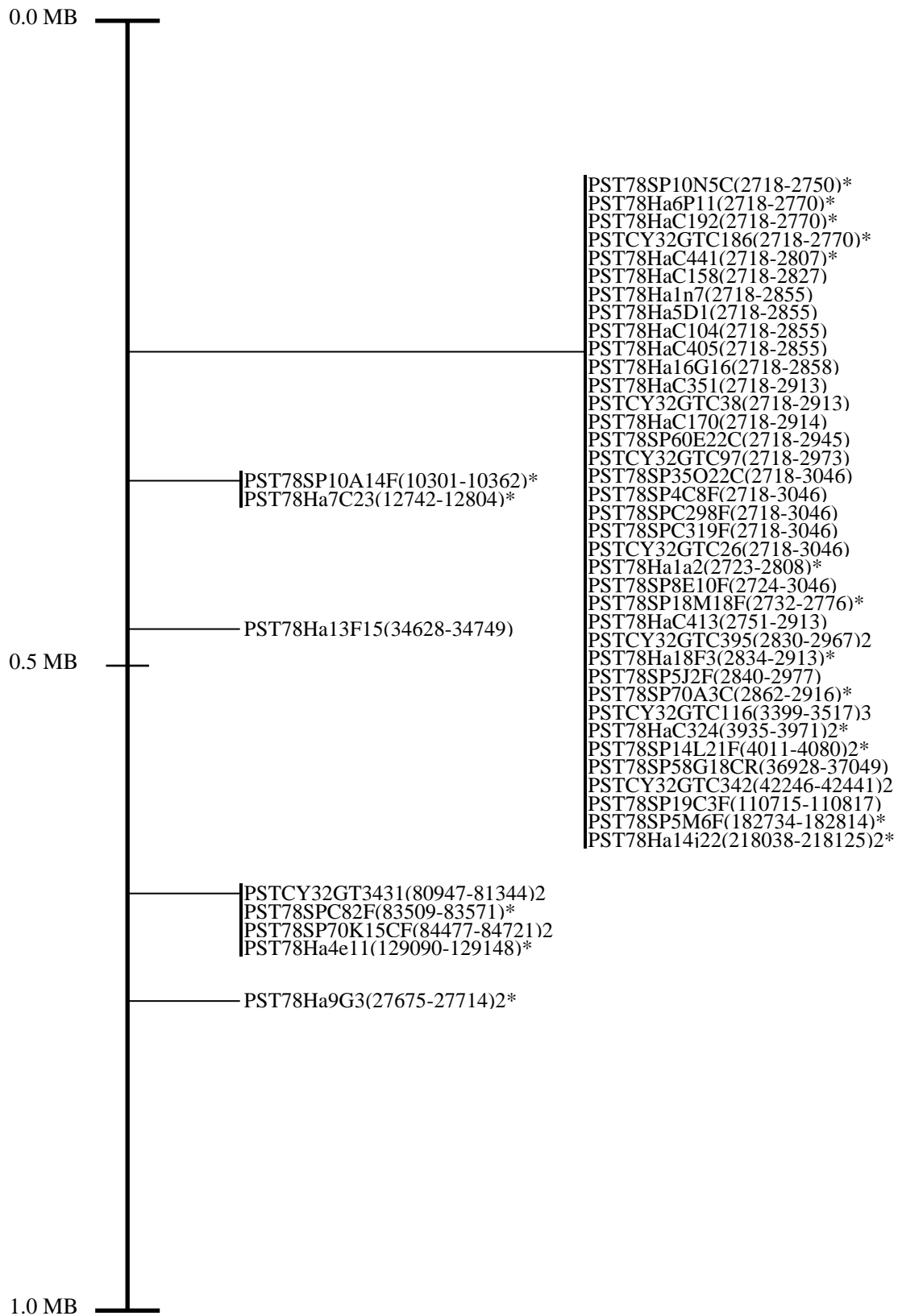
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PST78HaC33(4497-4595)\*  
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PST78SP30I12C(4497-4838)  
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PST78SPC80F(4497-4844)  
PST78SPC4F(4498-4844)  
PST78Ha5N7(4499-4590)\*  
PST78Ha12i6(4502-4553)\*  
PST78SP55J1C(4506-4655)  
PST78SP6E10F(4507-4591)\*

**Supercontig 33**  
**length: 889,308 bp**

\* = less than 100bp alignment

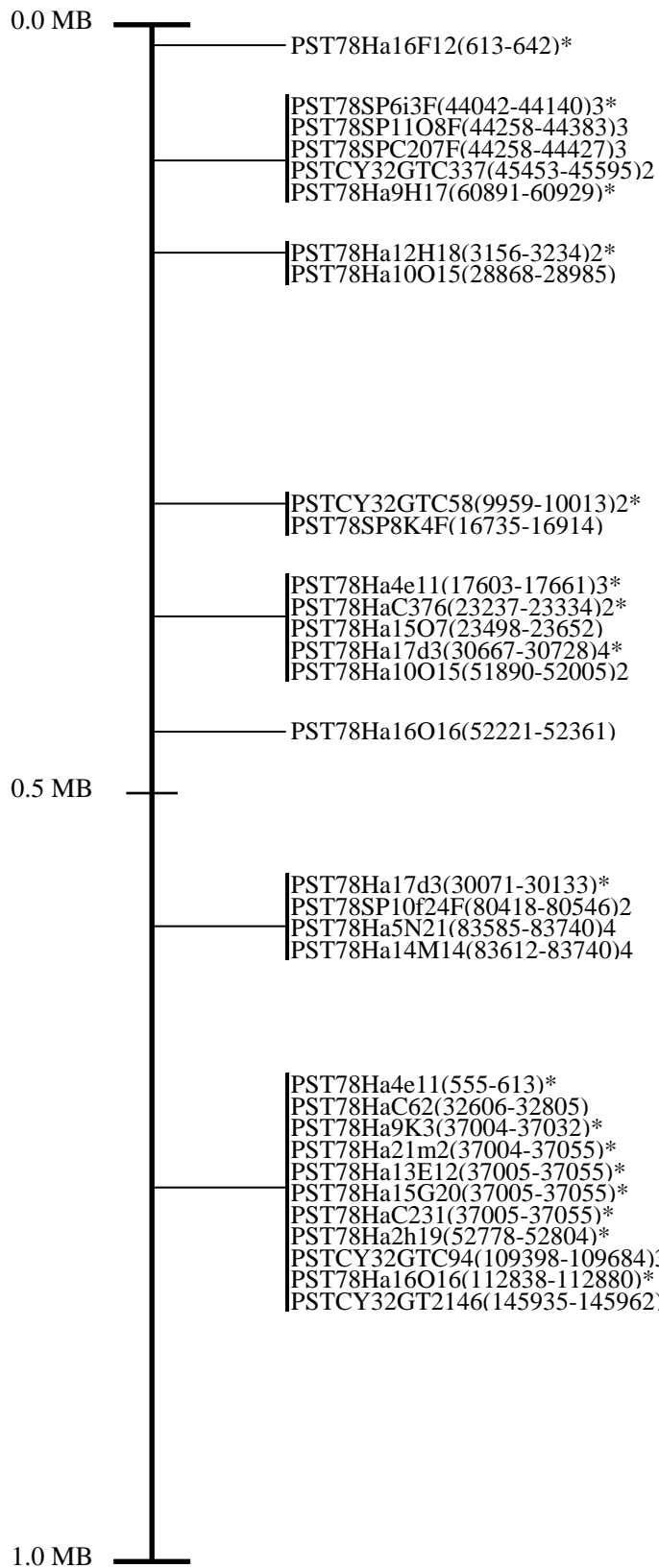
| = clones in the same contig



**Supercontig 33**  
**length: 889,308 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 34**  
**length: 856,319 bp**

\* = less than 100bp alignment

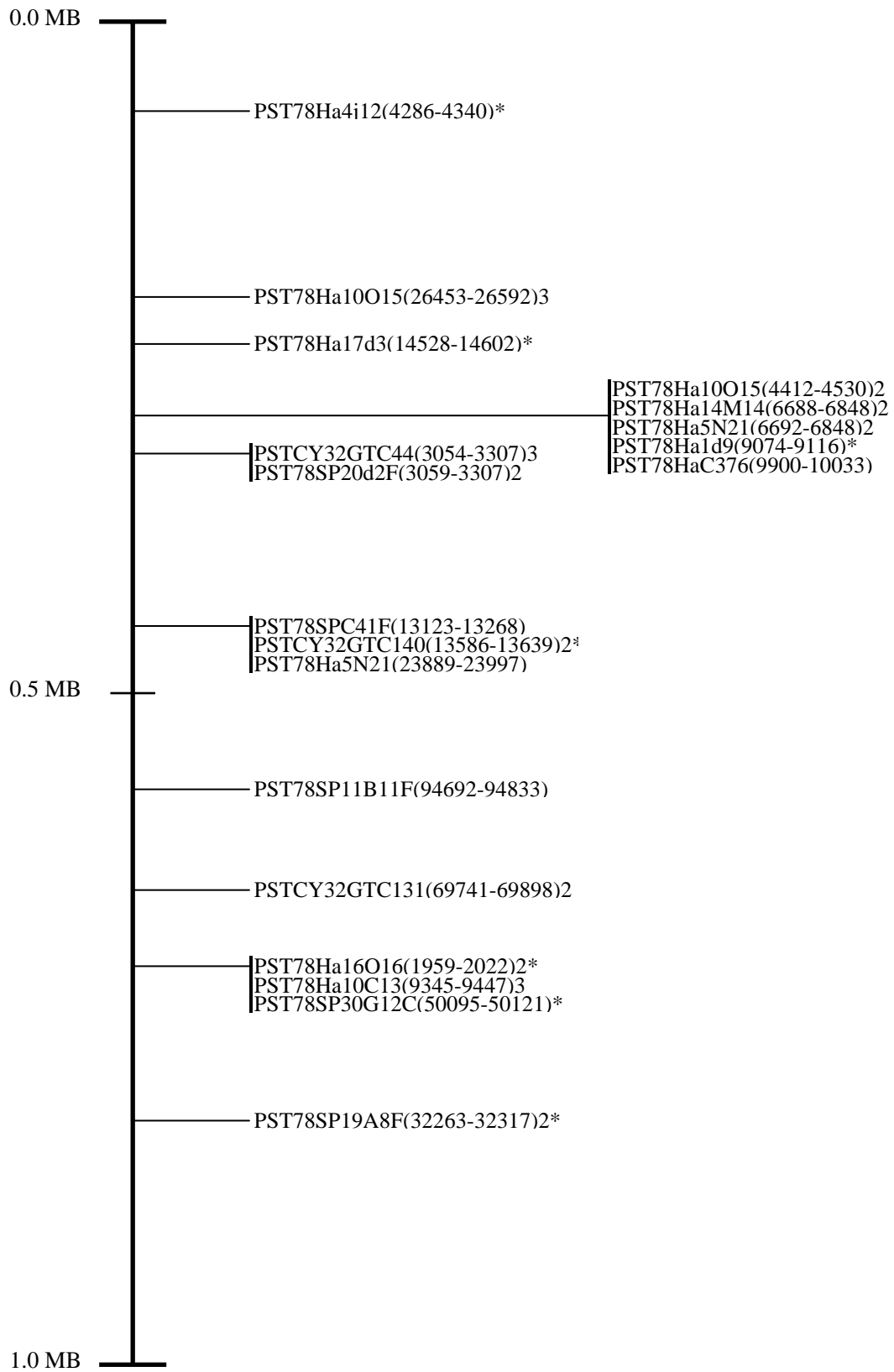
| = clones in the same contig



**Supercontig 35**  
**length: 904,227 bp**

\* = less than 100bp alignment

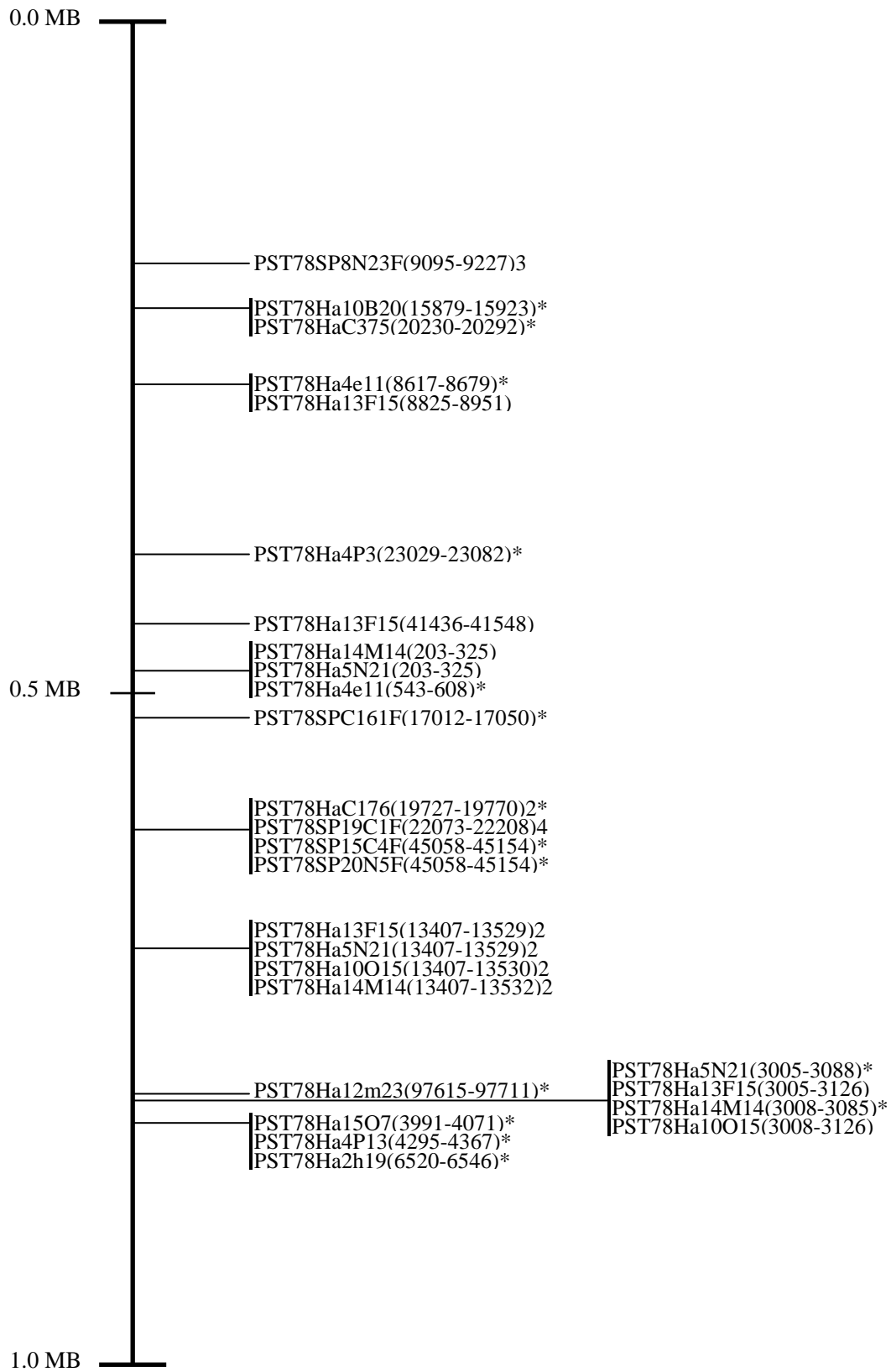
| = clones in the same contig



**Supercontig 36**  
**length: 867,522 bp**

\* = less than 100bp alignment

| = clones in the same contig

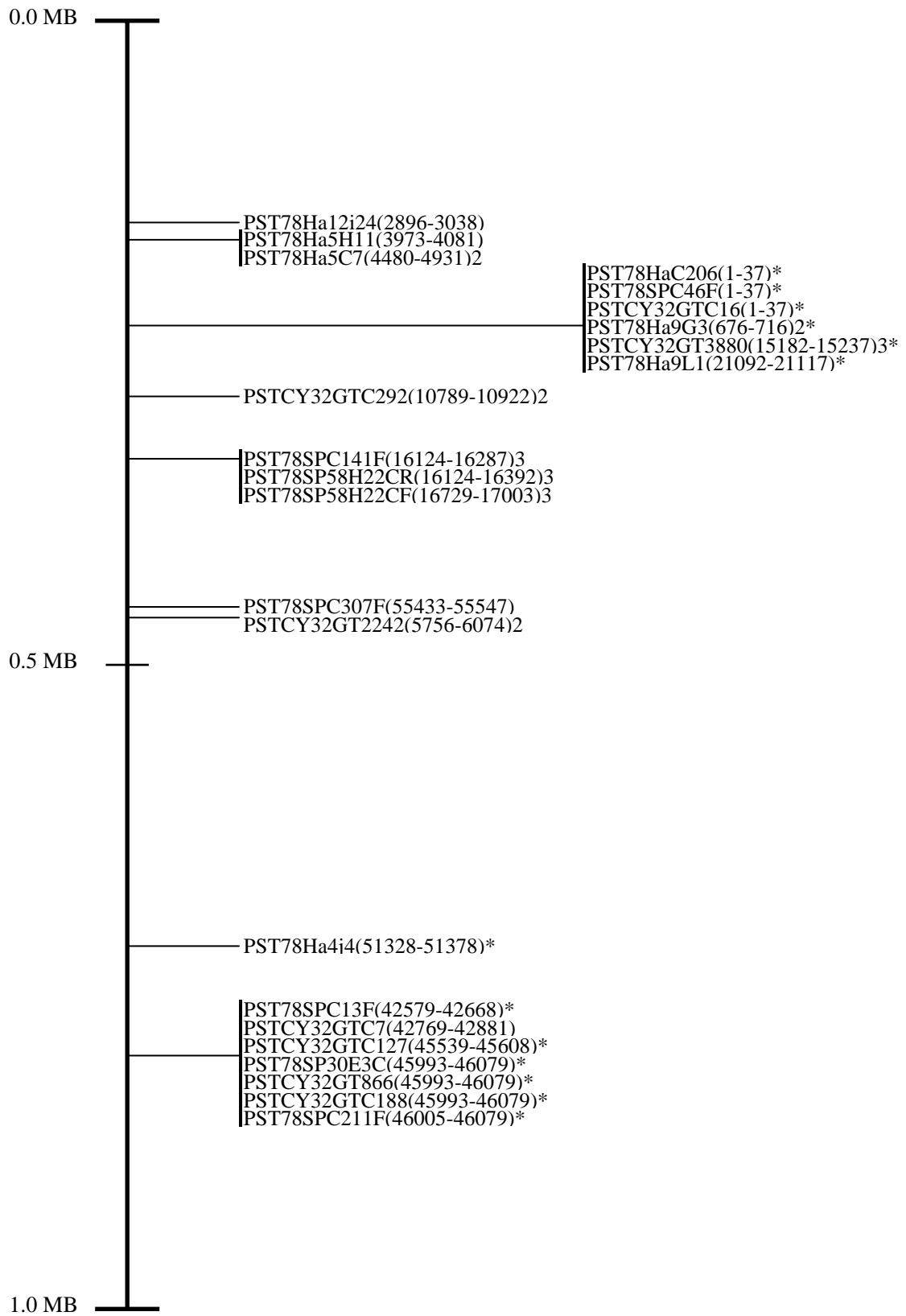


**Supercontig 37**  
length: 820,150 bp

\* = less than 100bp alignment

| = clones in the same contig

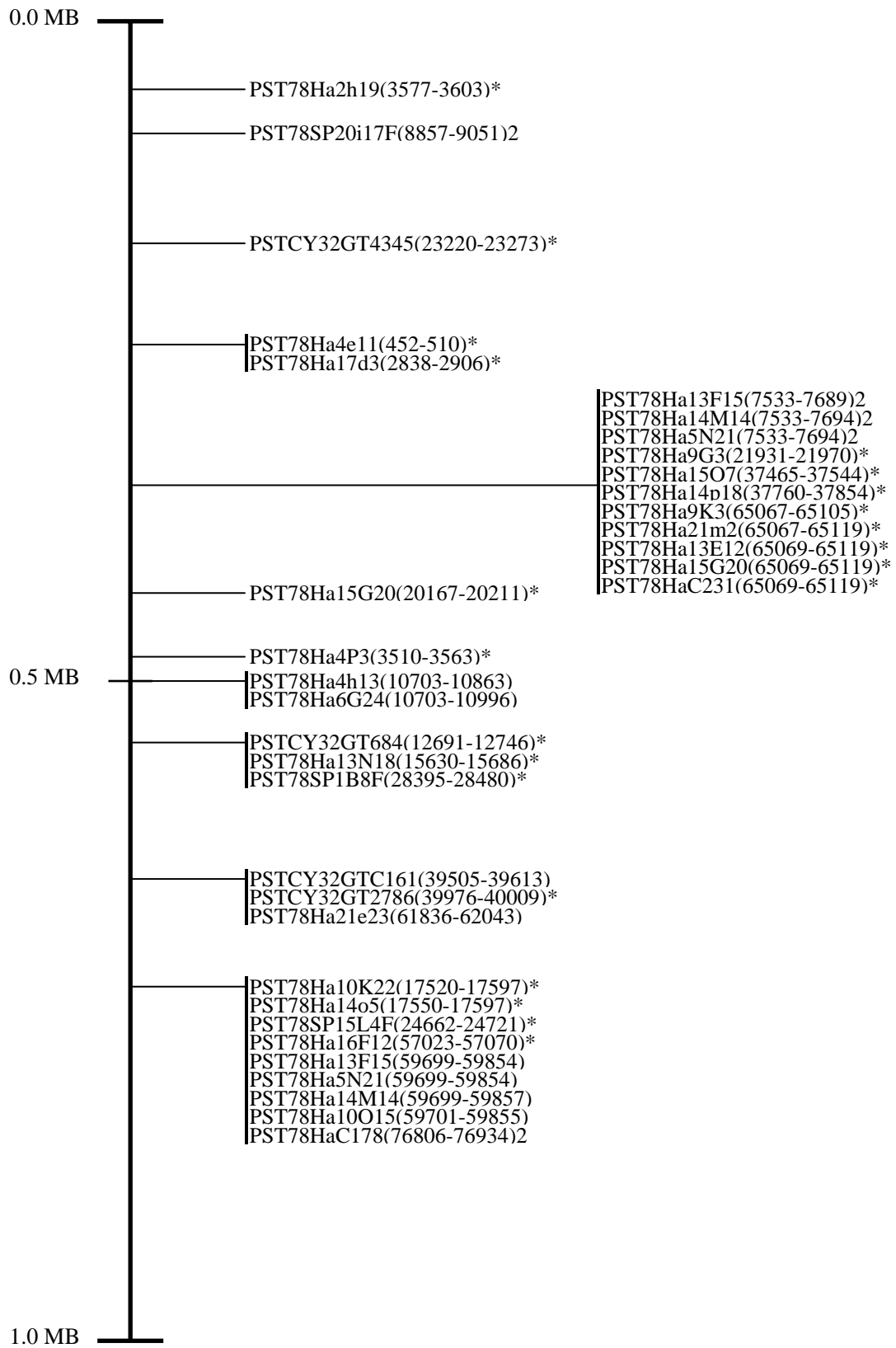




**Supercontig 38**  
**length: 803,102 bp**

\* = less than 100bp alignment

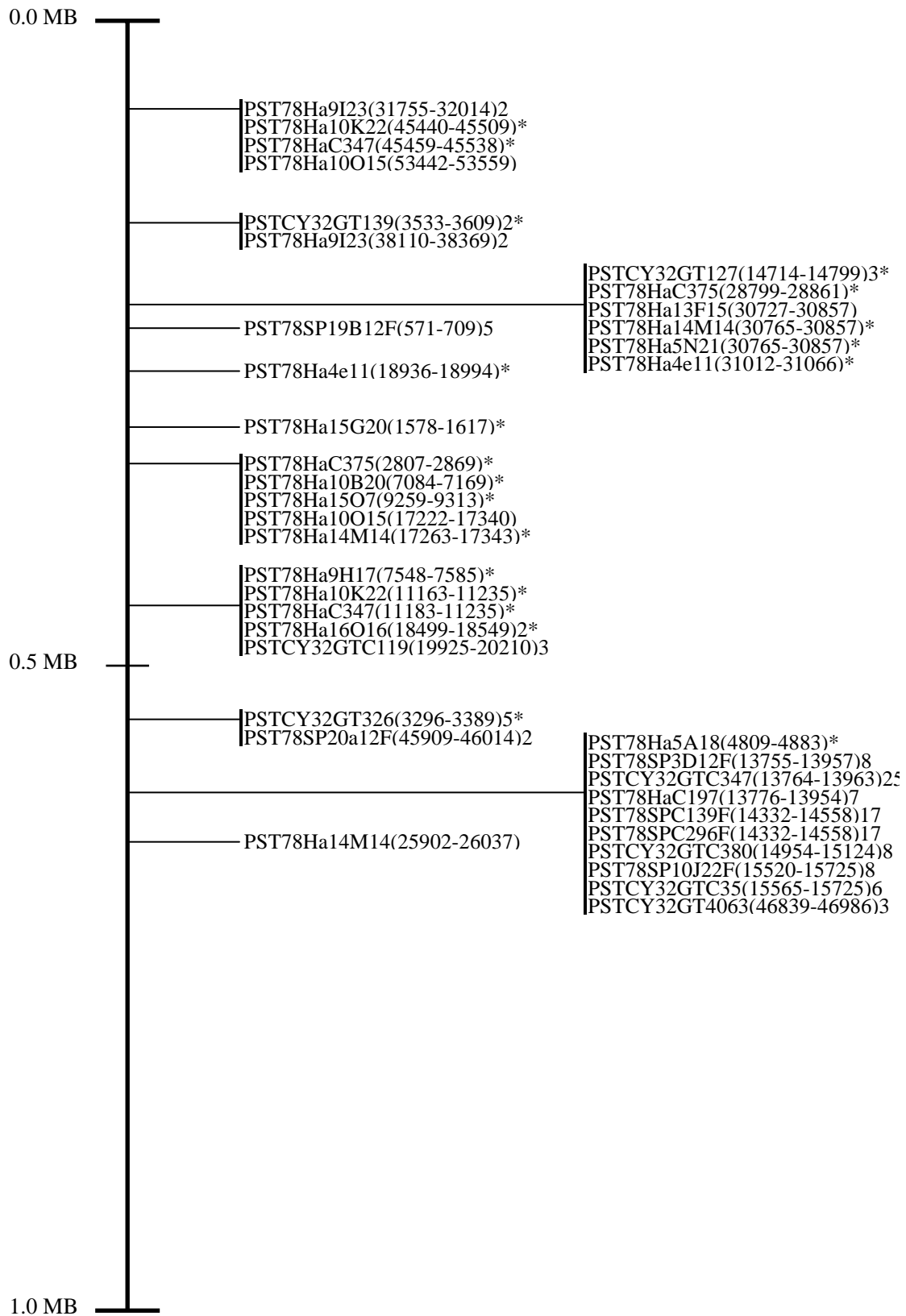
| = clones in the same contig



**Supercontig 39**  
length: 752,863 bp

\* = less than 100bp alignment

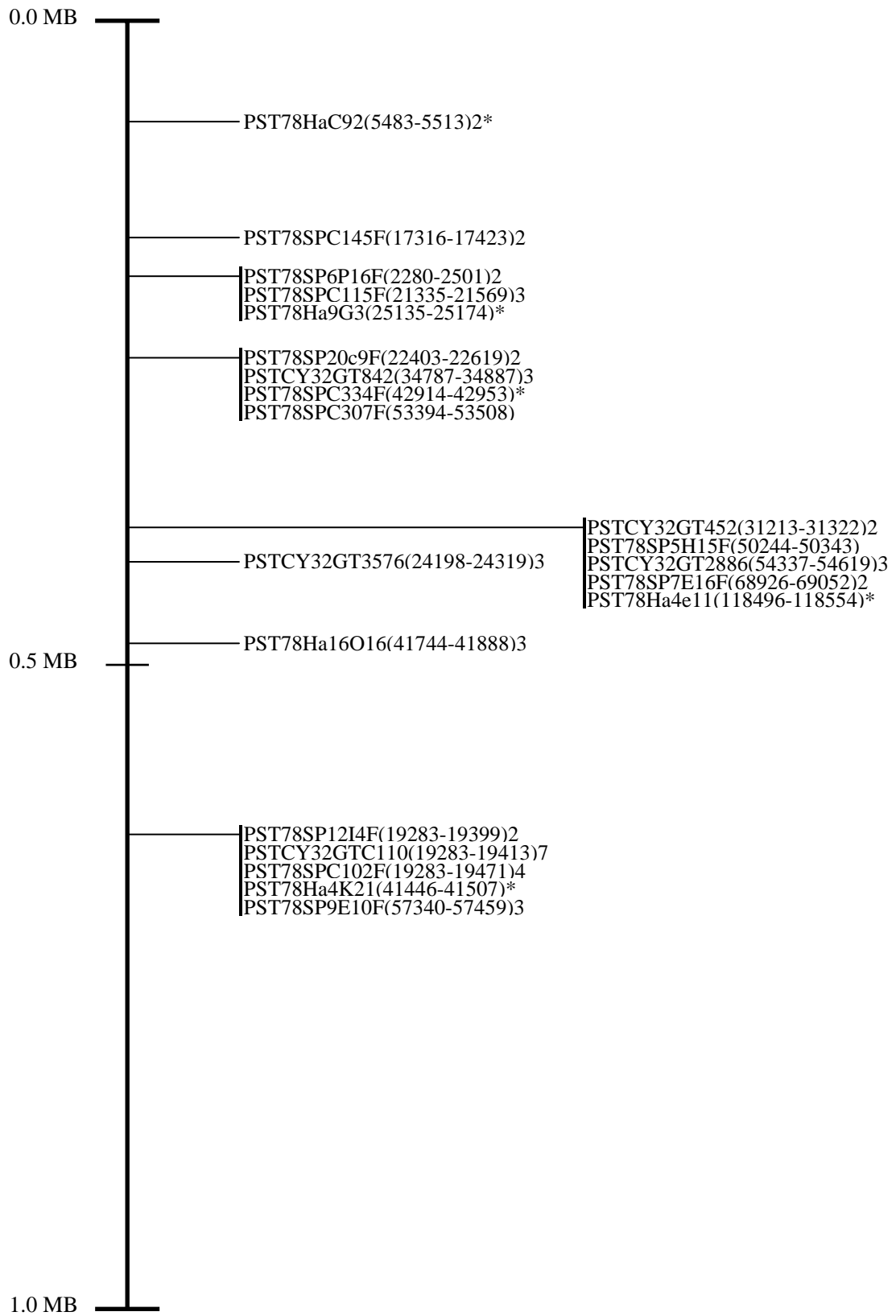
| = clones in the same contig



**Supercontig 40**  
**length: 667,254 bp**

\* = less than 100bp alignment

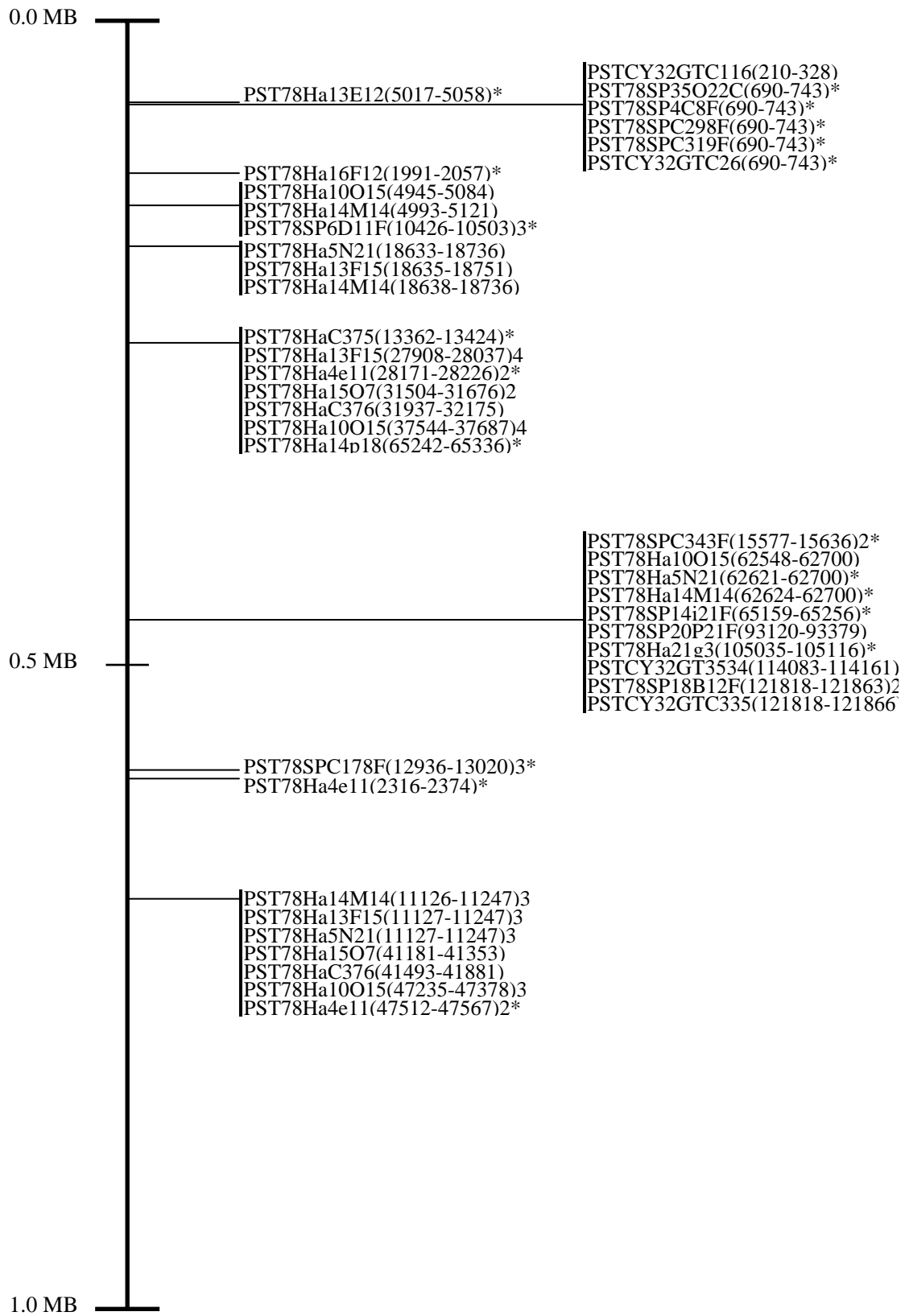
| = clones in the same contig



**Supercontig 41**  
length: 658,202 bp

\* = less than 100bp alignment

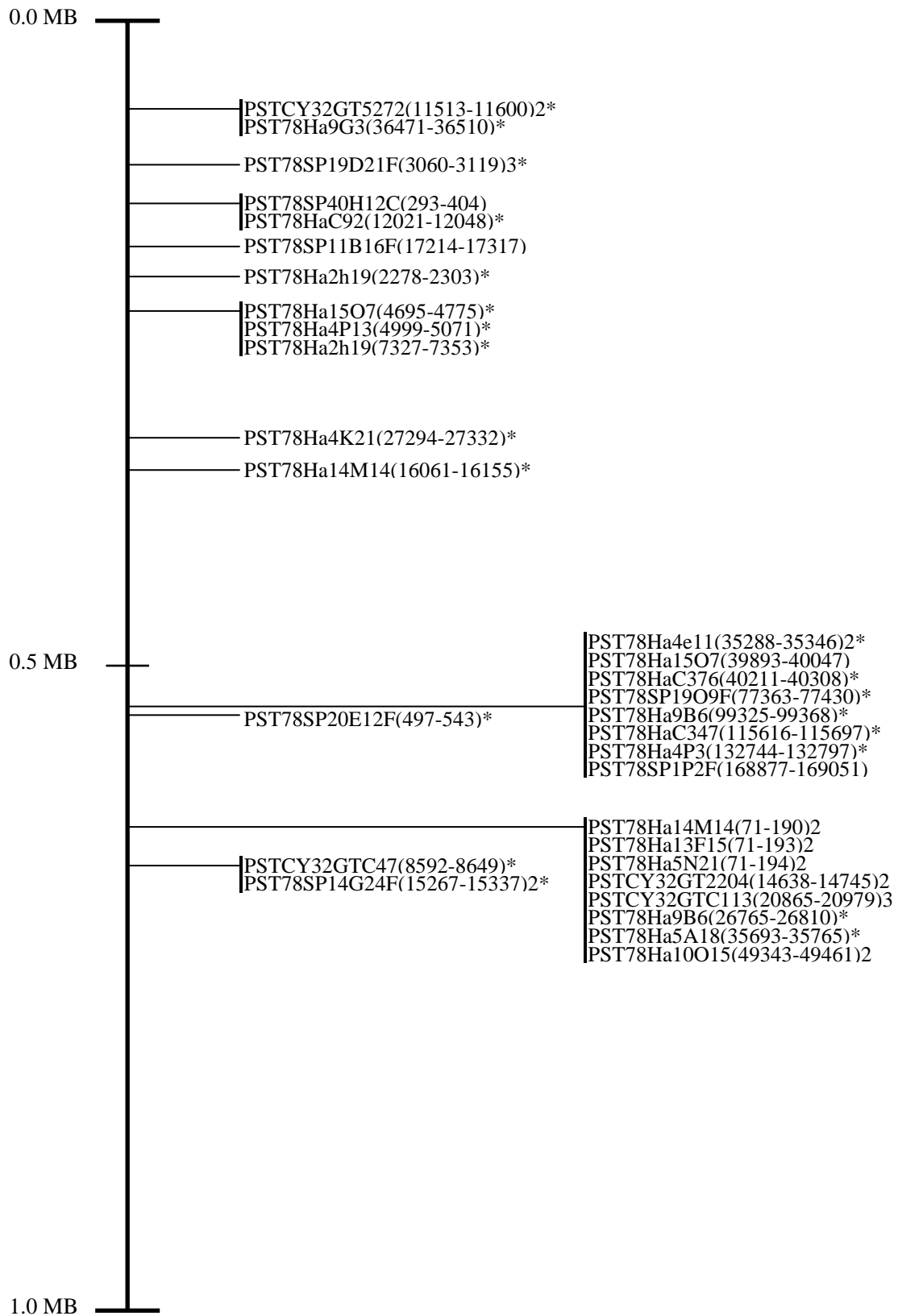
| = clones in the same contig



**Supercontig 42**  
**length: 682,257 bp**

\* = less than 100bp alignment

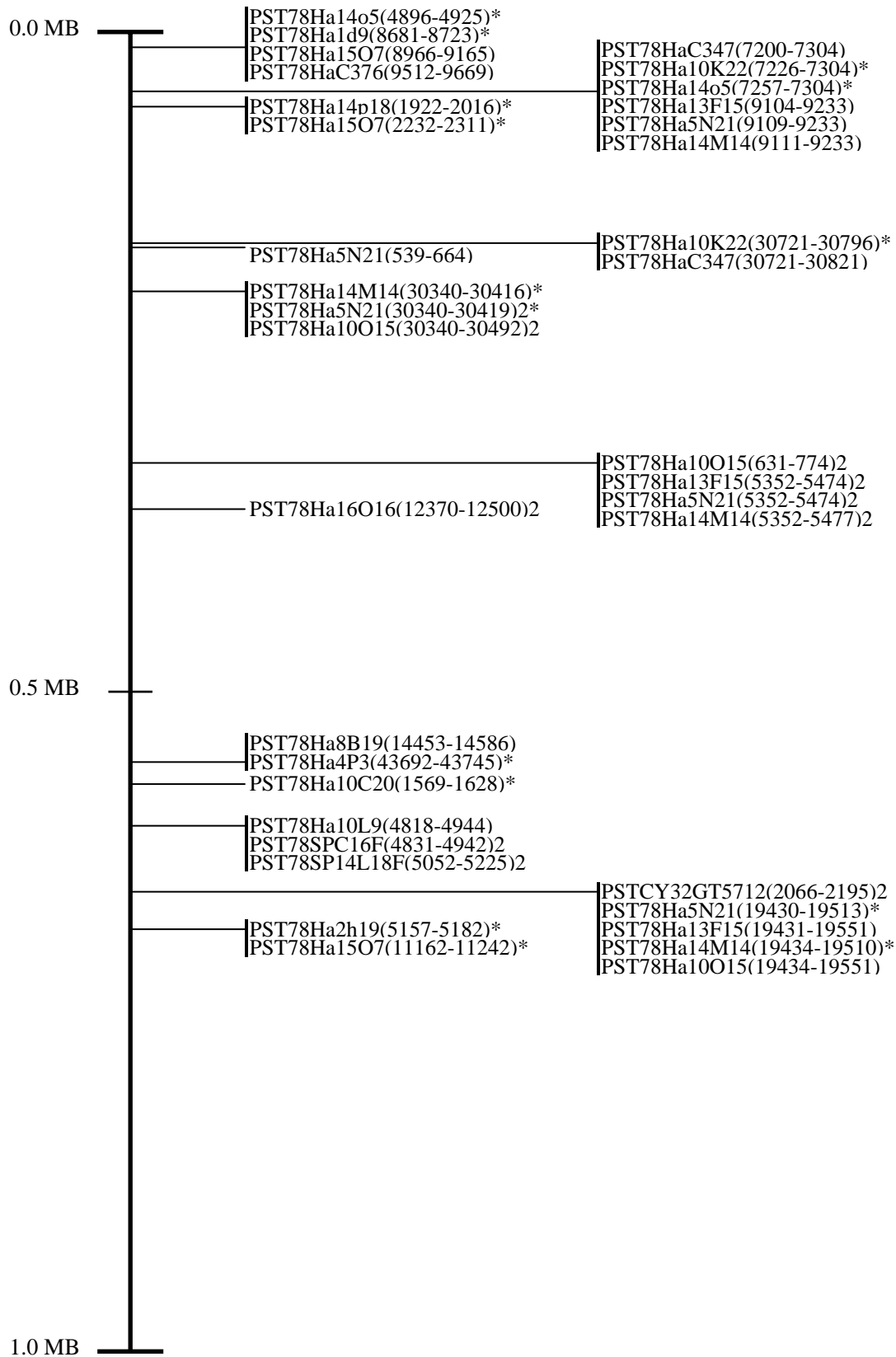
| = clones in the same contig



**Supercontig 43**  
**length: 654,820 bp**

\* = less than 100bp alignment

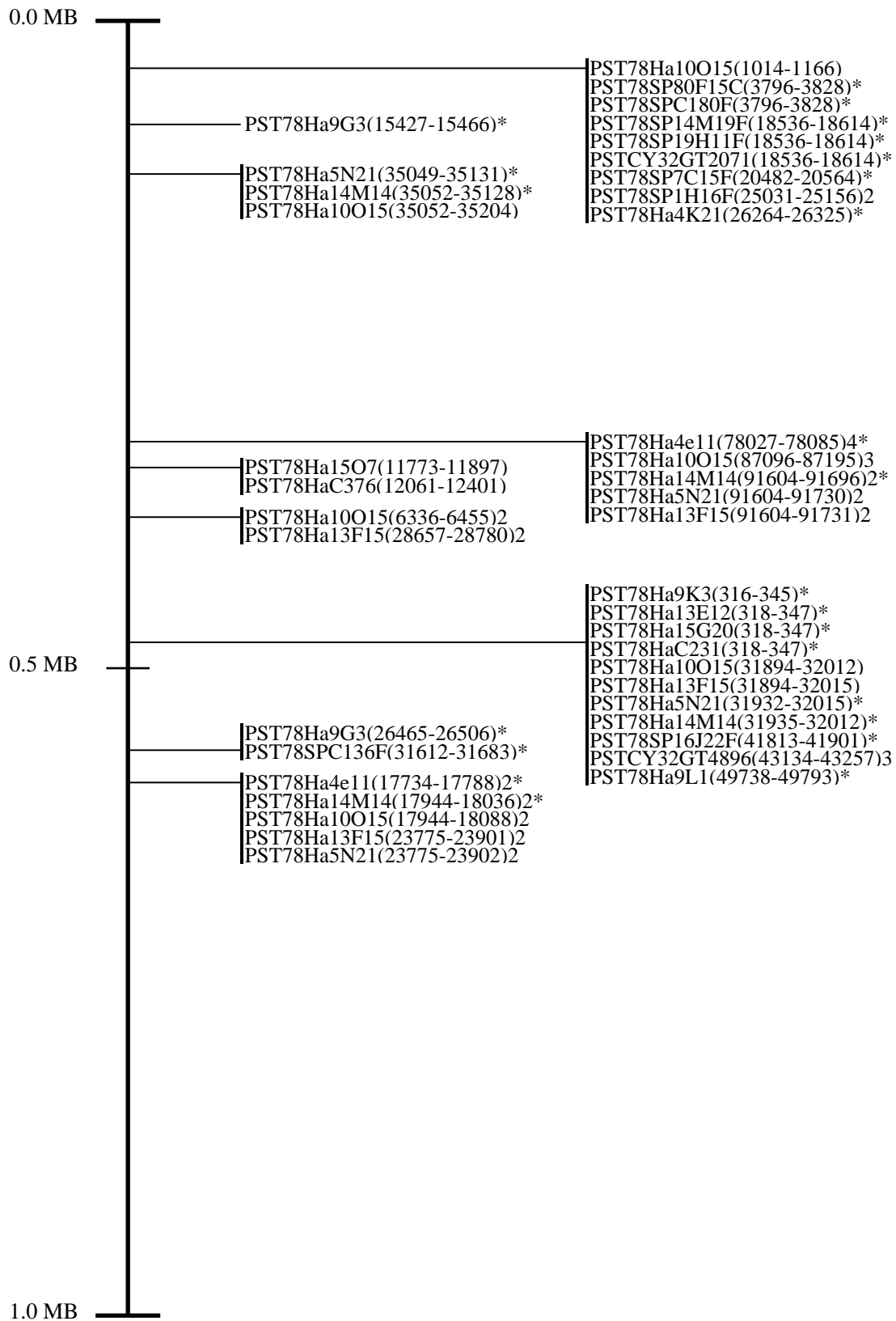
| = clones in the same contig



**Supercontig 44**  
**length: 680,700 bp**

\* = less than 100bp alignment

| = clones in the same contig

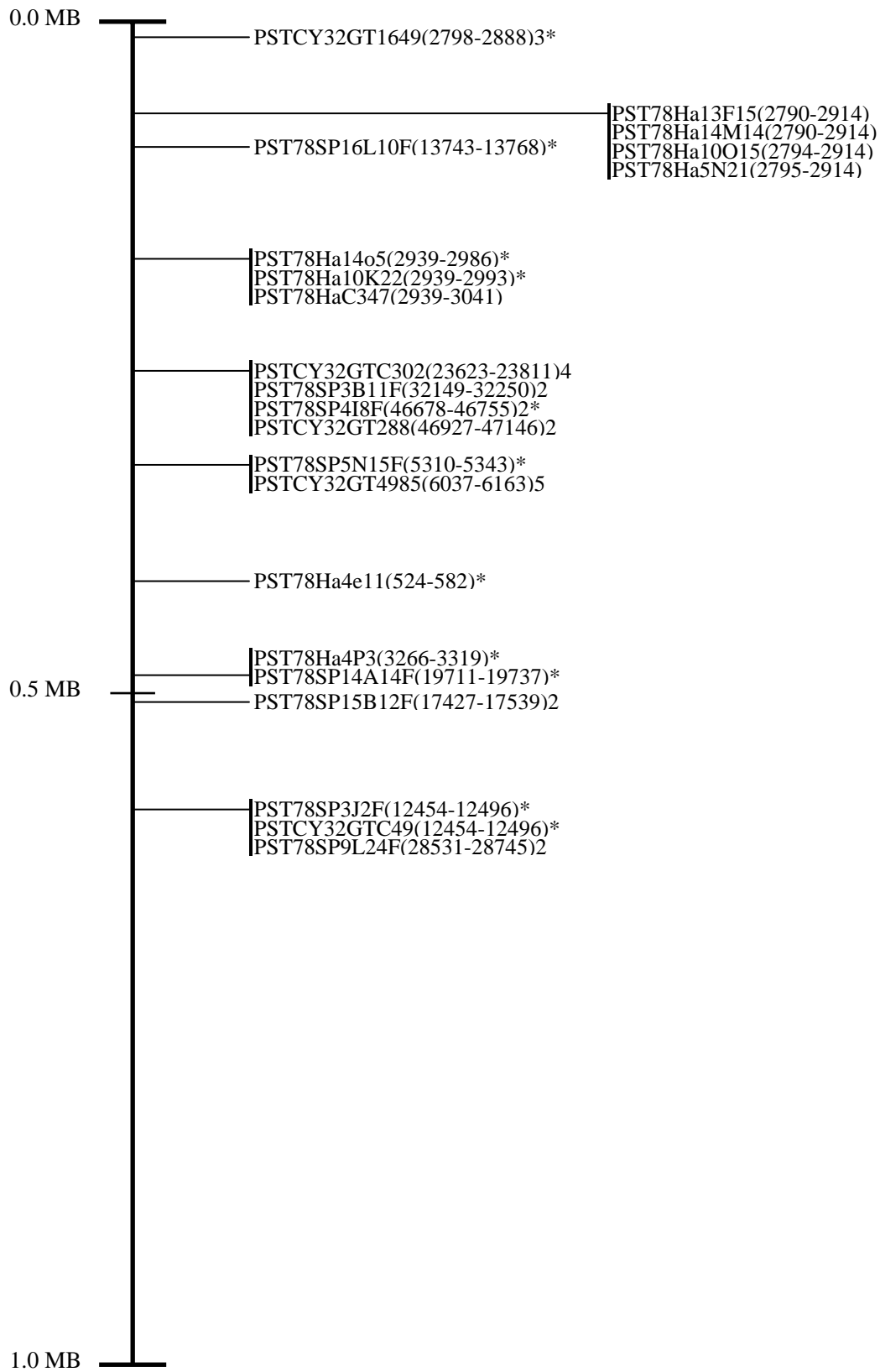


**Supercontig 45**  
length: 611,533 bp

\* = less than 100bp alignment

| = clones in the same contig

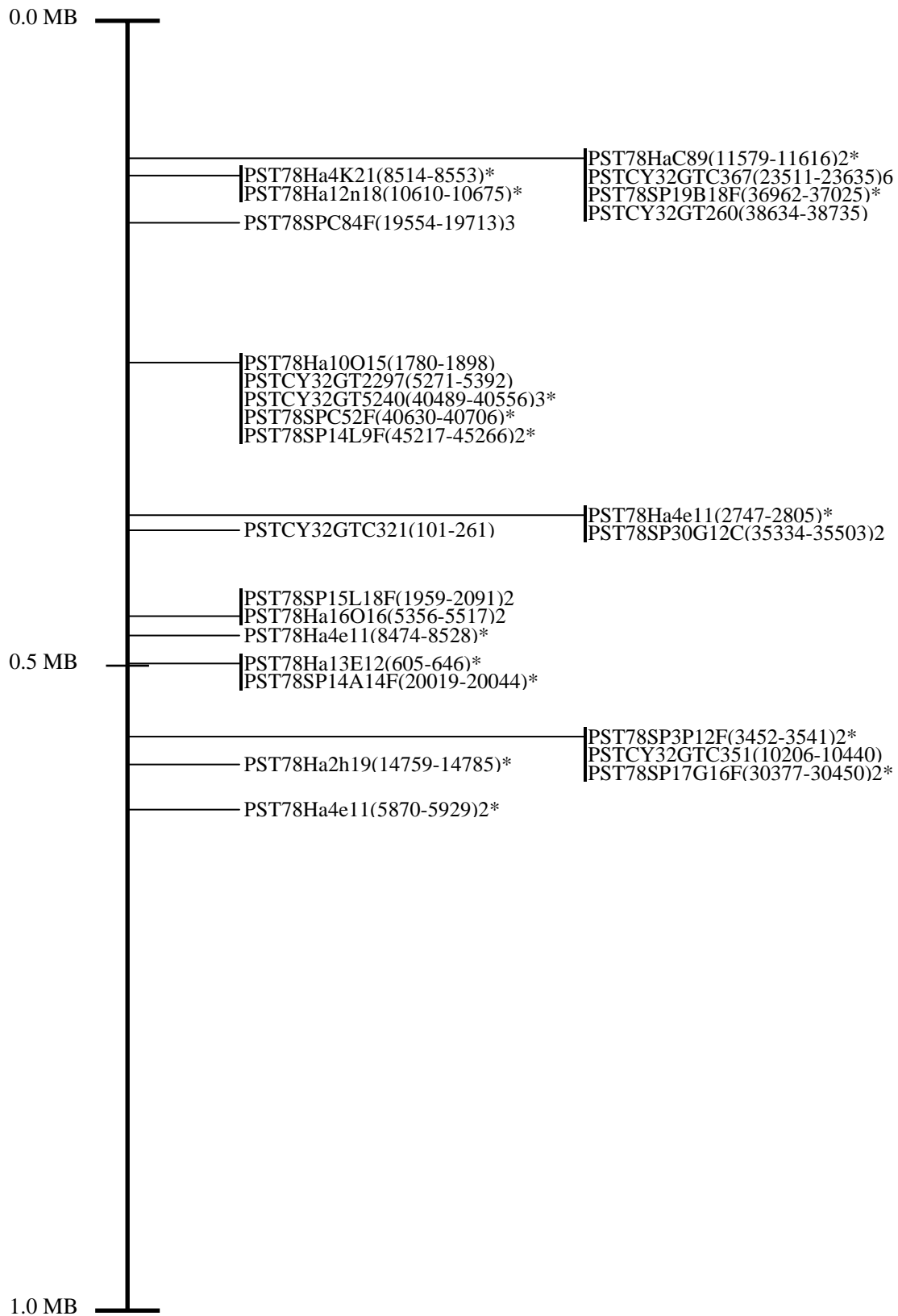




**Supercontig 46**  
**length: 603,048 bp**

\* = less than 100bp alignment

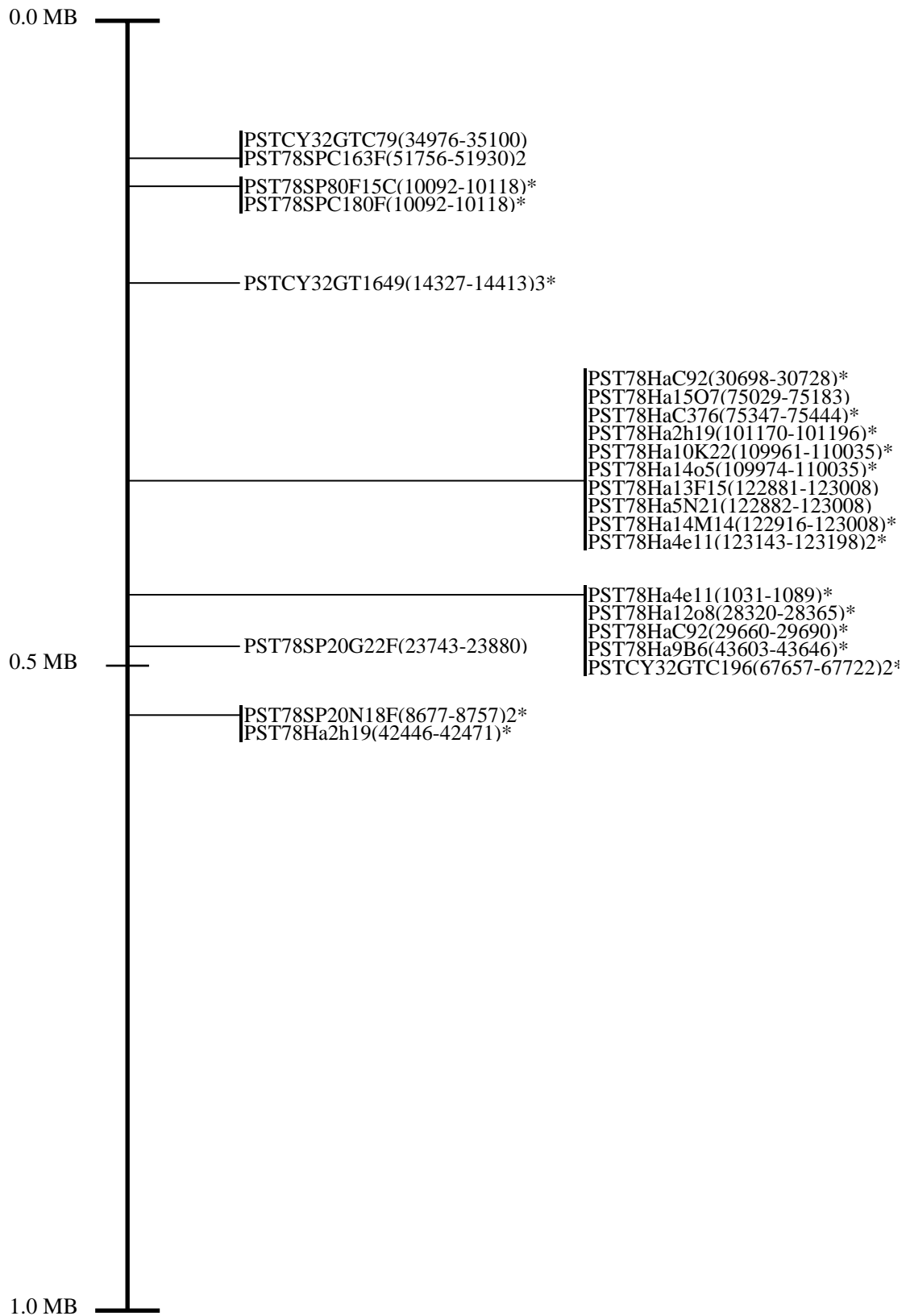
| = clones in the same contig



**Supercontig 47**  
length: 640,690 bp

\* = less than 100bp alignment

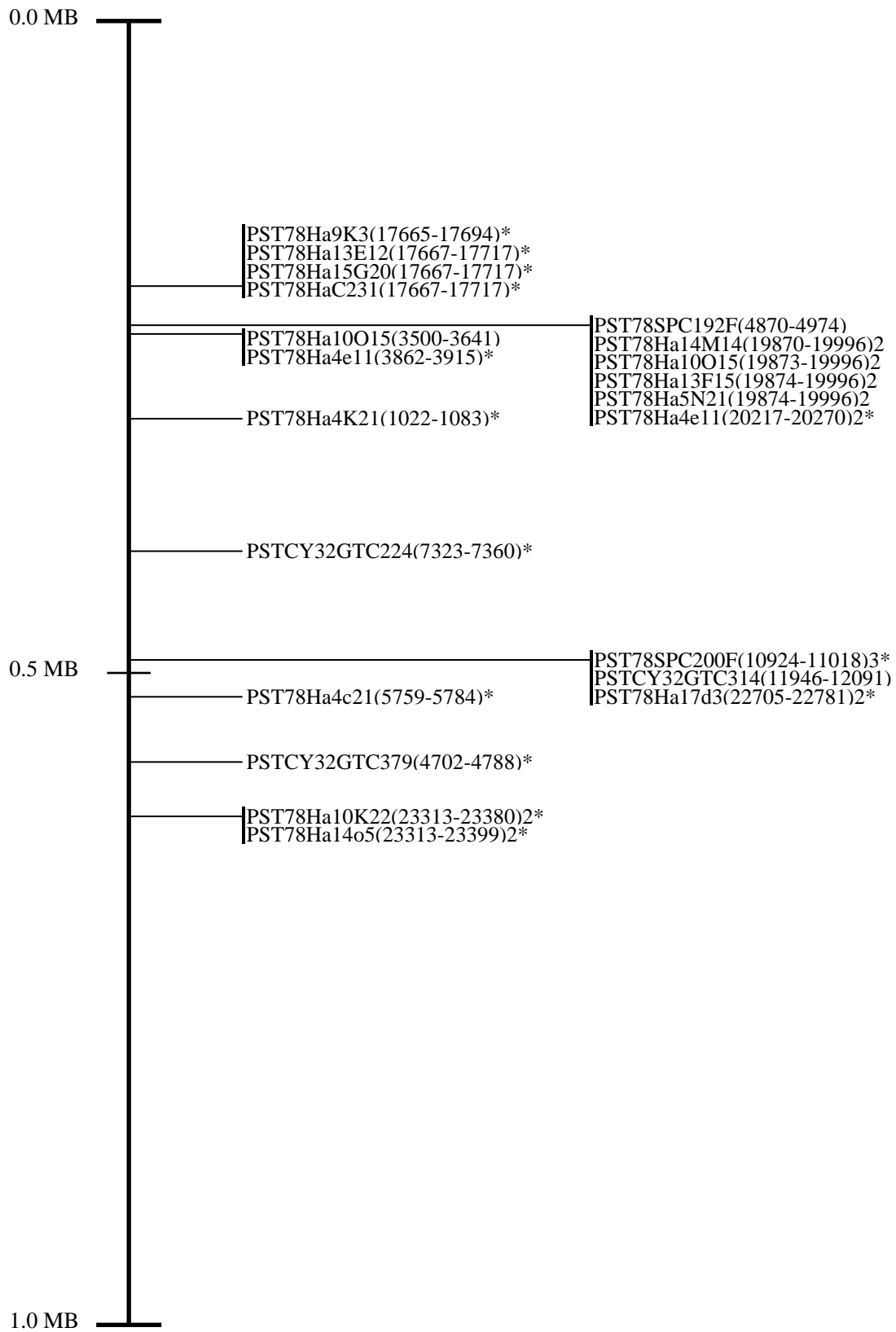
| = clones in the same contig



**Supercontig 48**  
length: 569,981 bp

\* = less than 100bp alignment

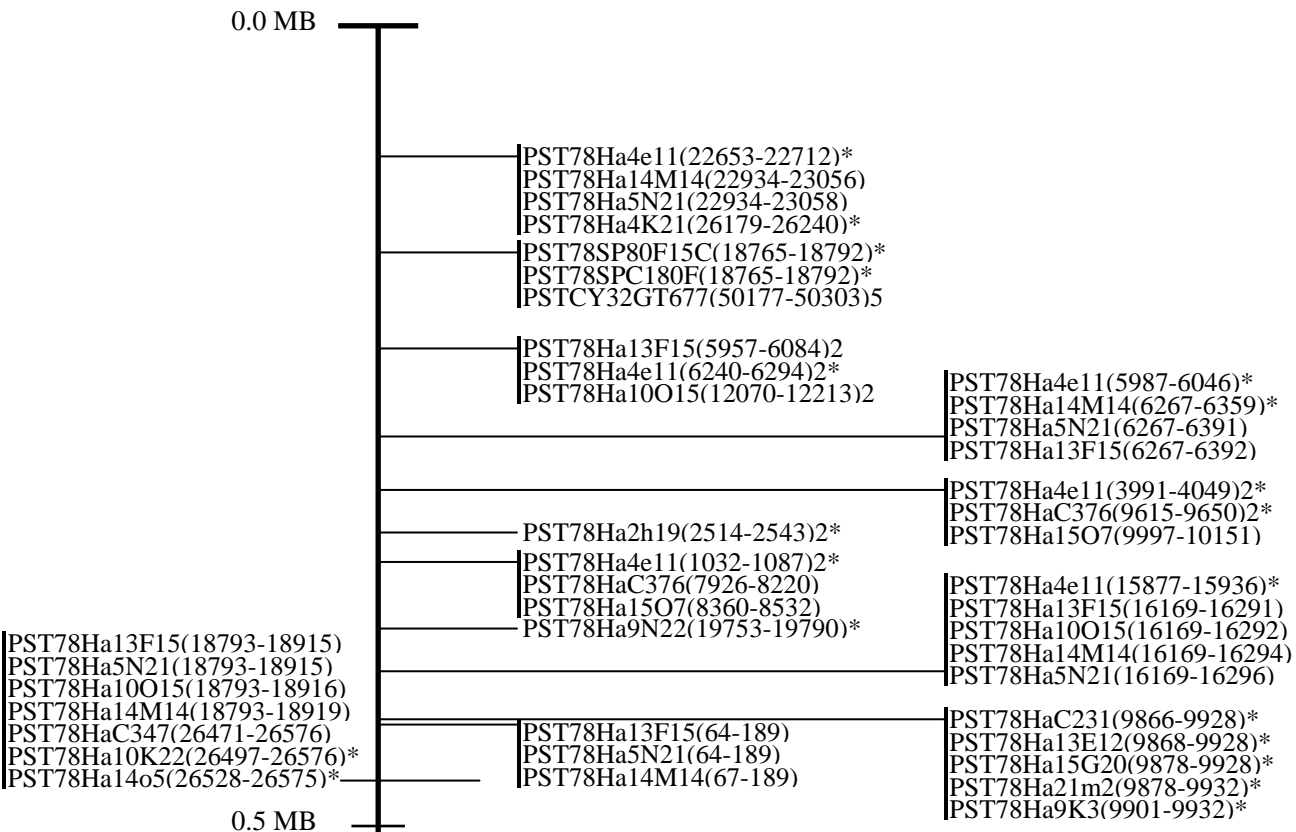
| = clones in the same contig



**Supercontig 49**  
**length: 609,911 bp**

\* = less than 100bp alignment

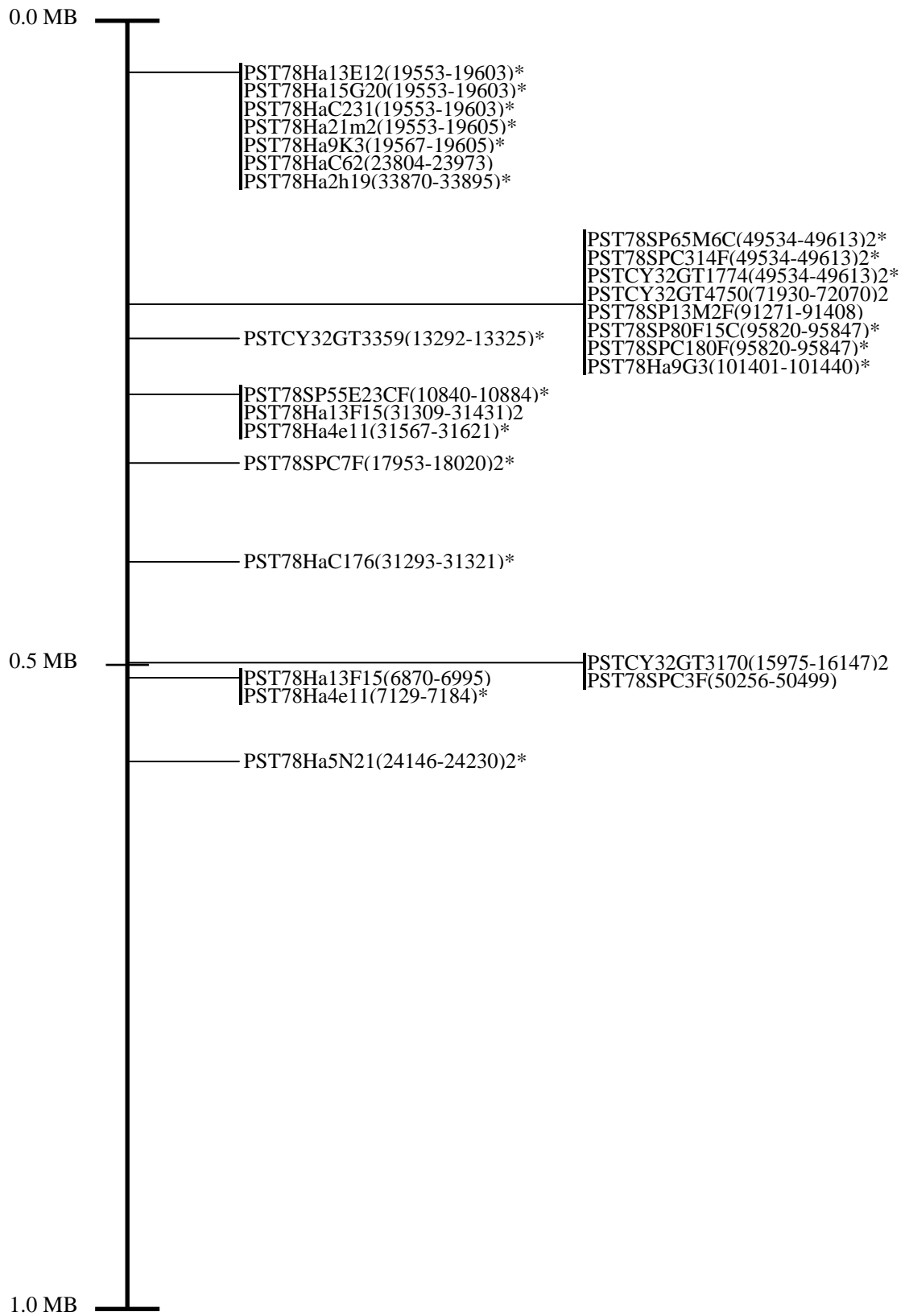
| = clones in the same contig



**Supercontig 50**  
length: 685,923 bp

\* = less than 100bp alignment

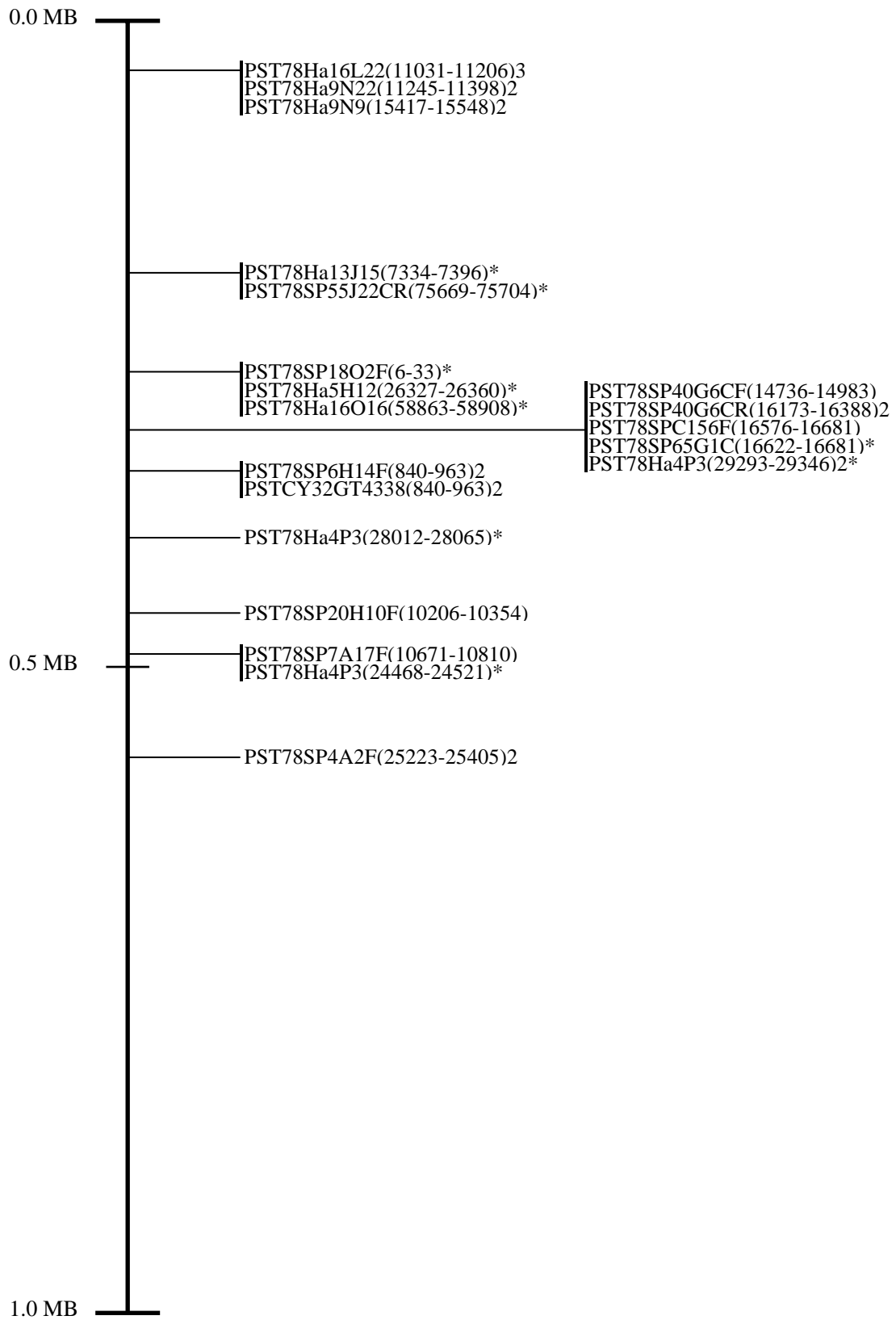
| = clones in the same contig



**Supercontig 51**  
**length: 574,326 bp**

\* = less than 100bp alignment

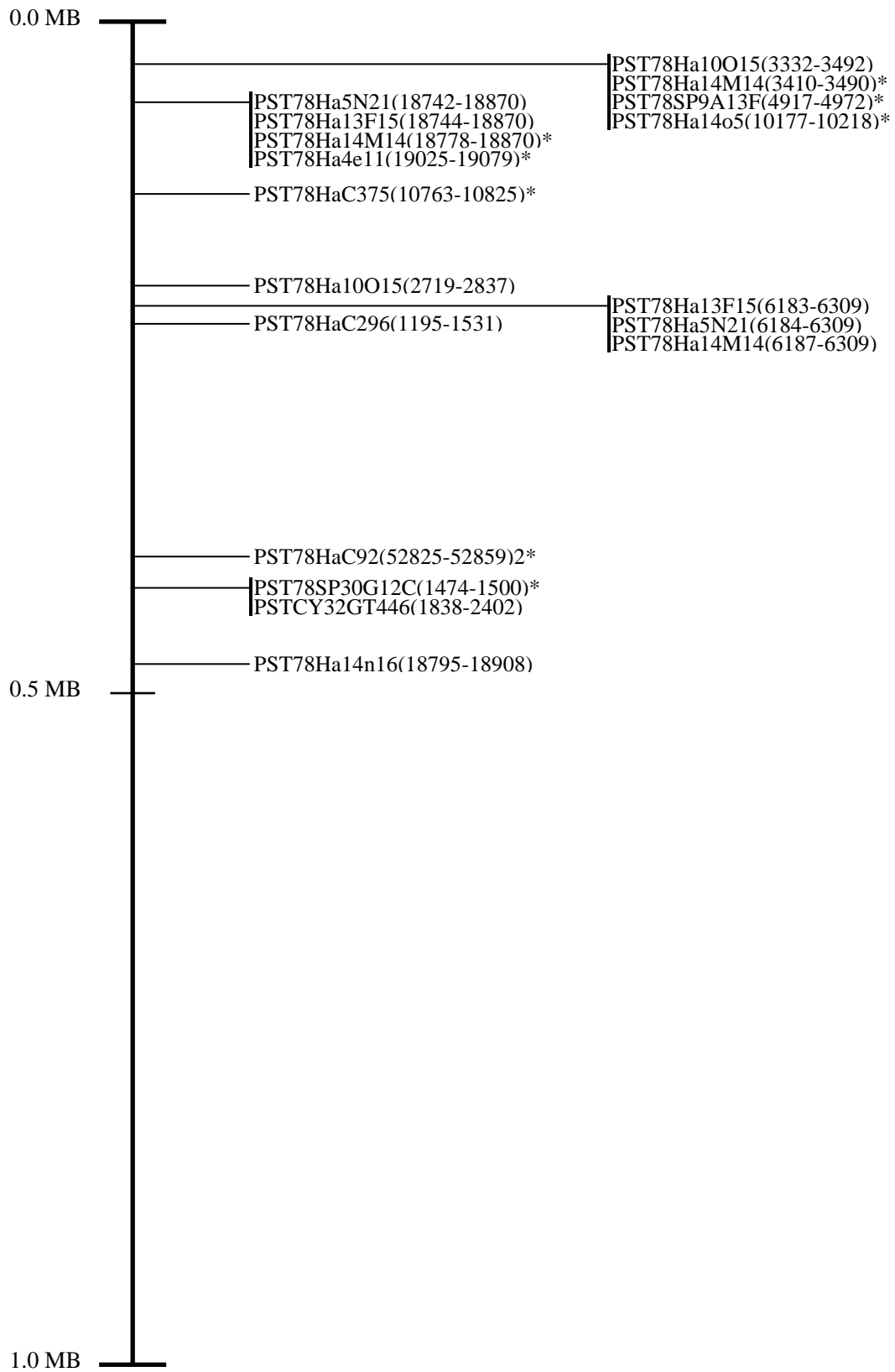
| = clones in the same contig



**Supercontig 52**  
**length: 572,077 bp**

\* = less than 100bp alignment

| = clones in the same contig

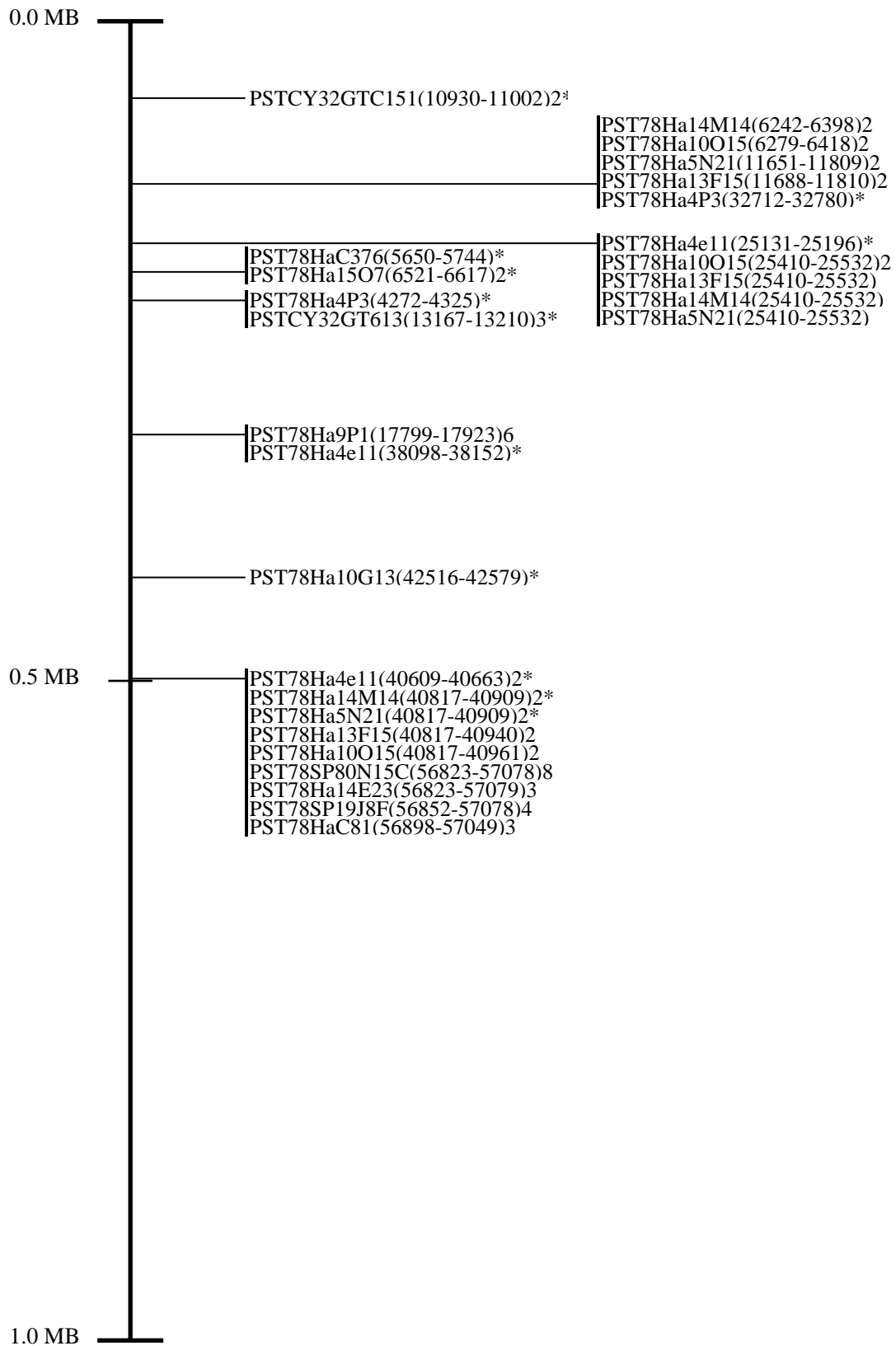


**Supercontig 53**  
**length: 591,244 bp**

\* = less than 100bp alignment

| = clones in the same contig

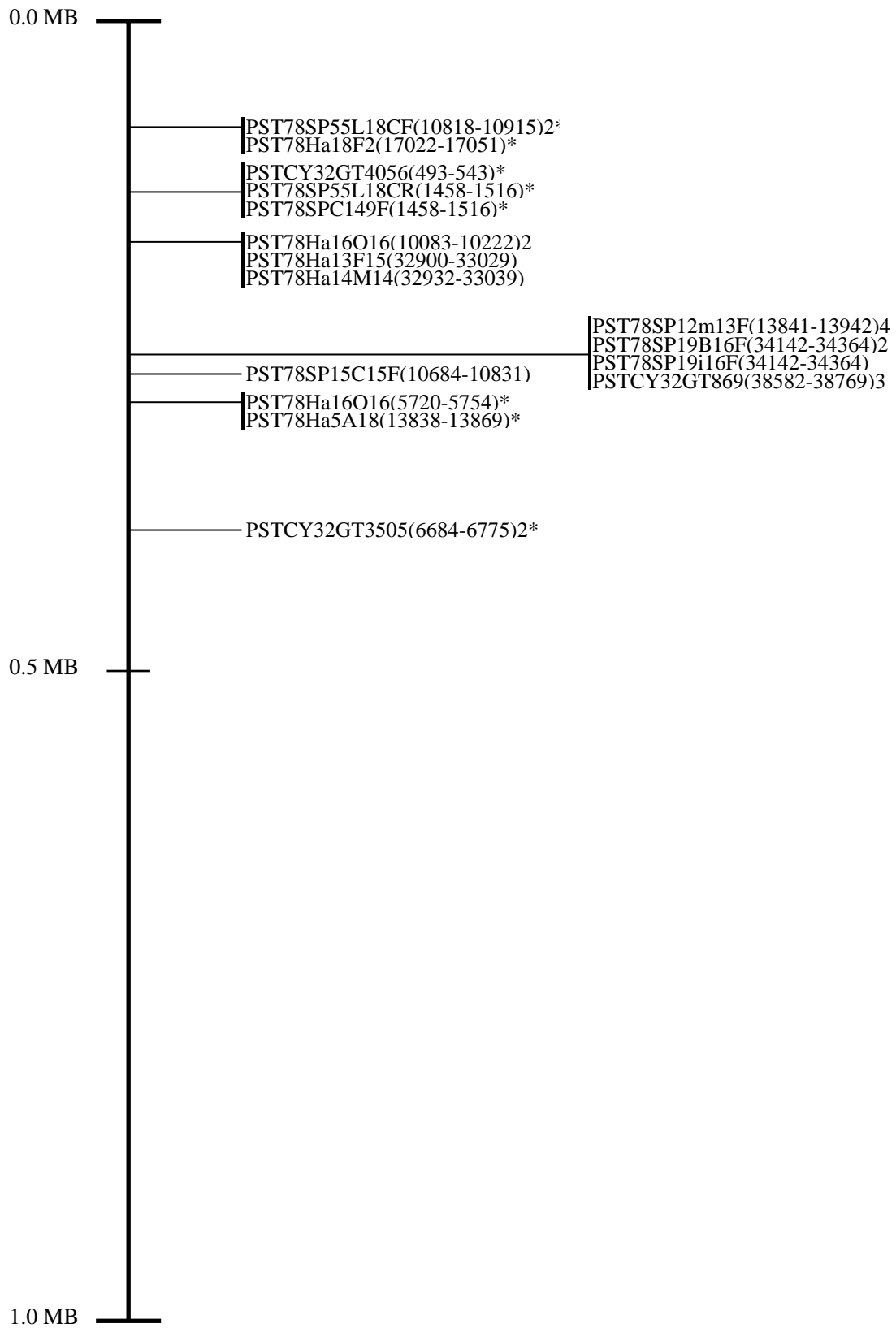




**Supercontig 54**  
**length: 525,265 bp**

\* = less than 100bp alignment

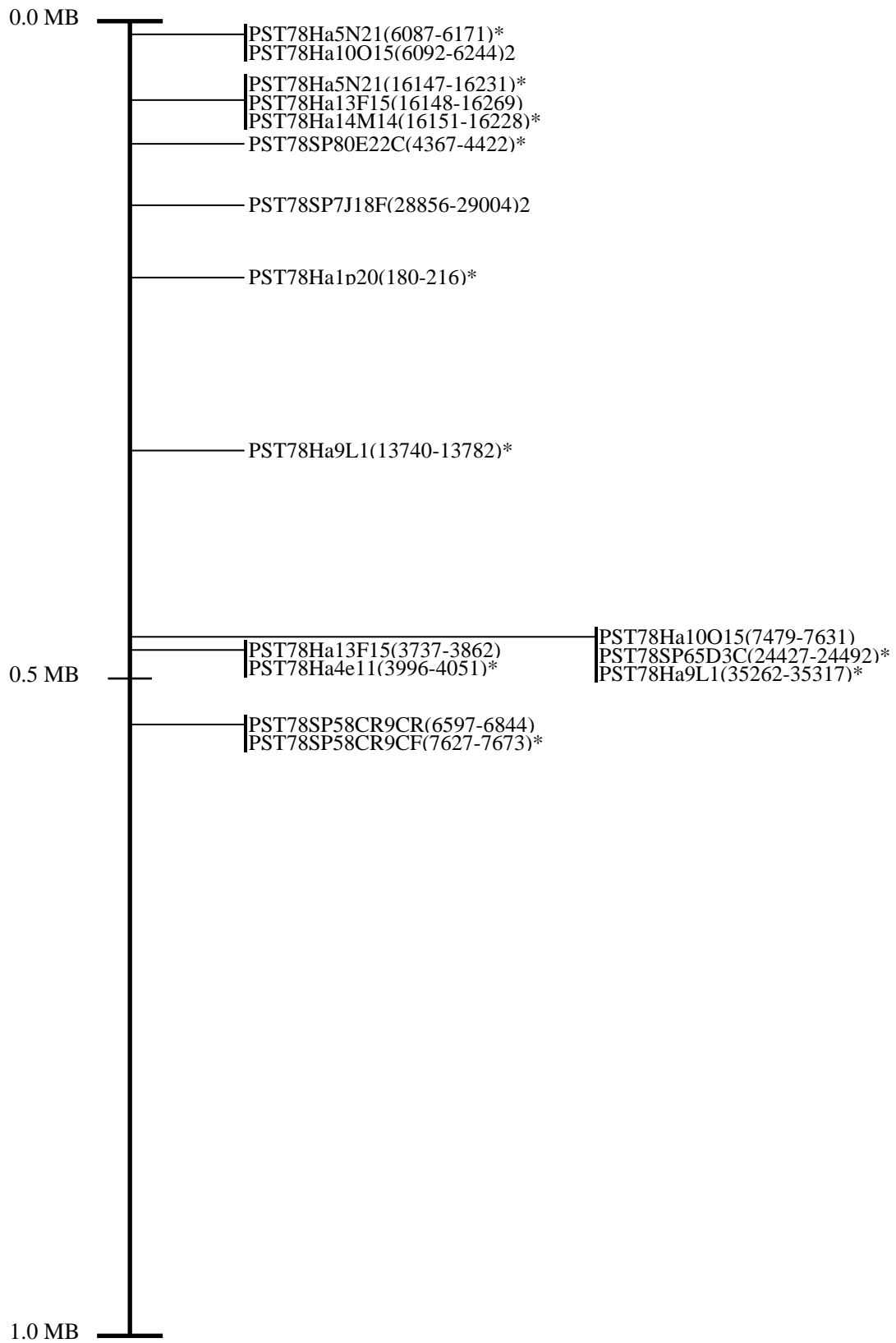
| = clones in the same contig



**Supercontig 55**  
**length: 542,982 bp**

\* = less than 100bp alignment

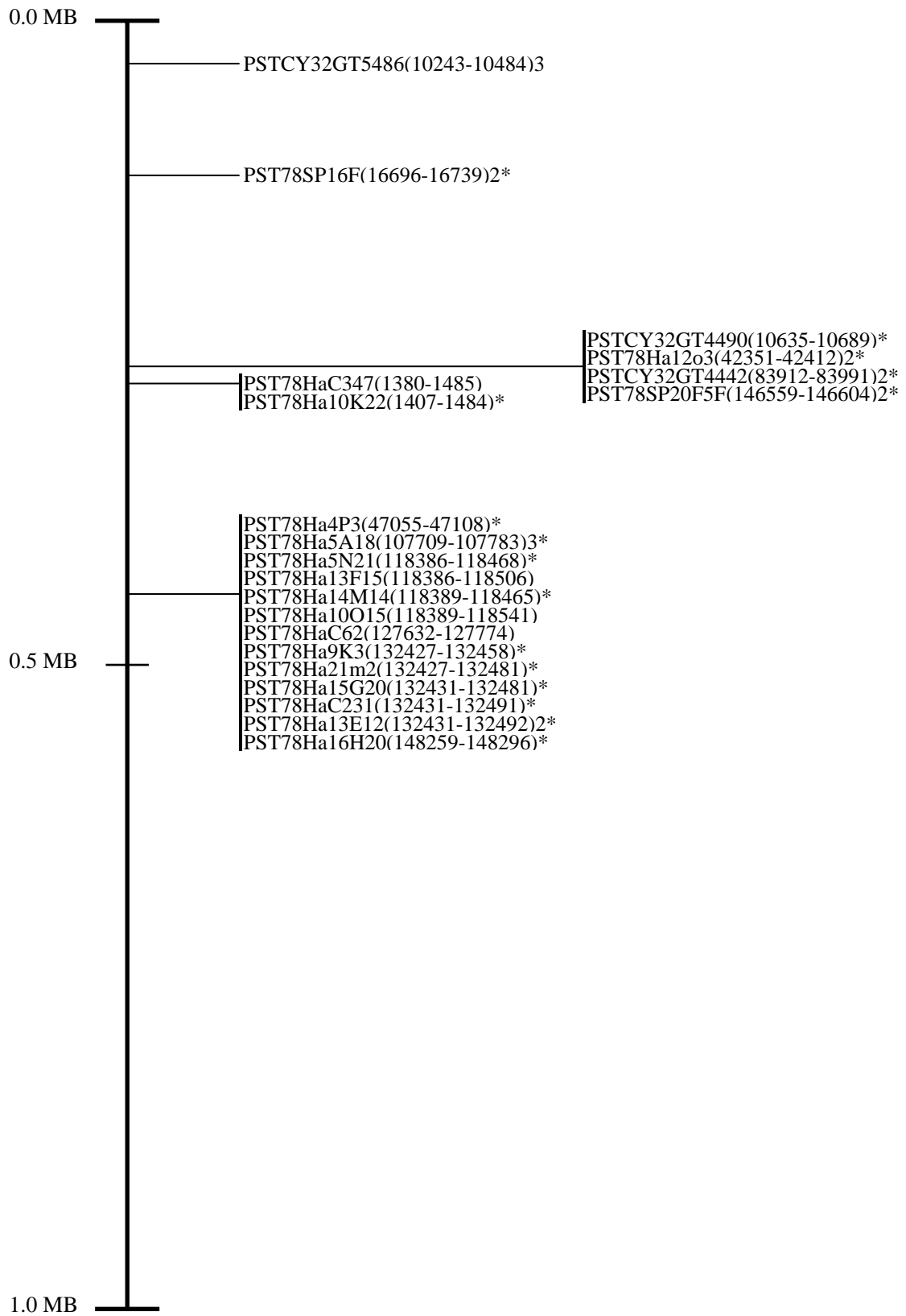
| = clones in the same contig



**Supercontig 56**  
length: 577,102 bp

\* = less than 100bp alignment

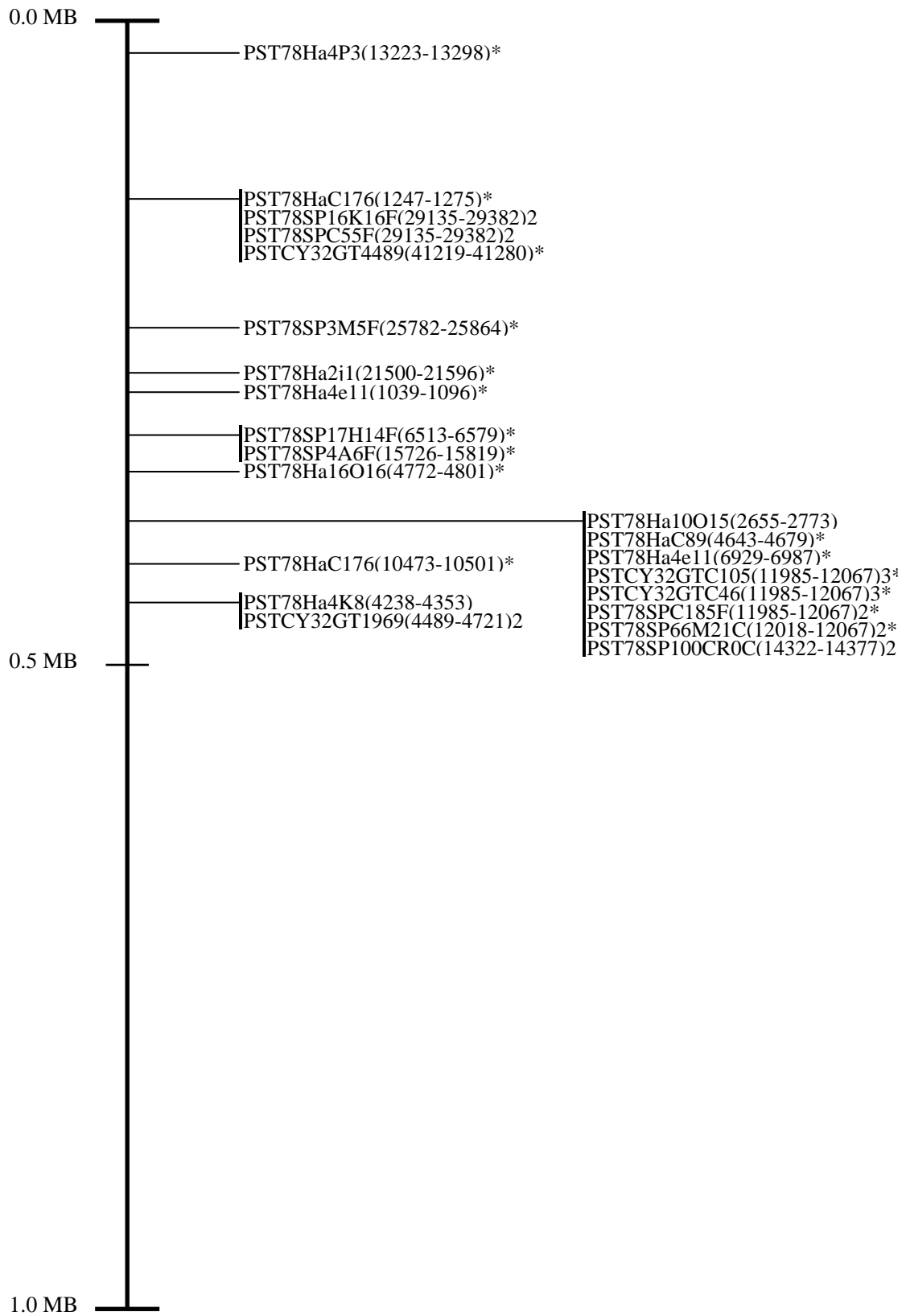
| = clones in the same contig



**Supercontig 57**  
**length: 480,201 bp**

\* = less than 100bp alignment

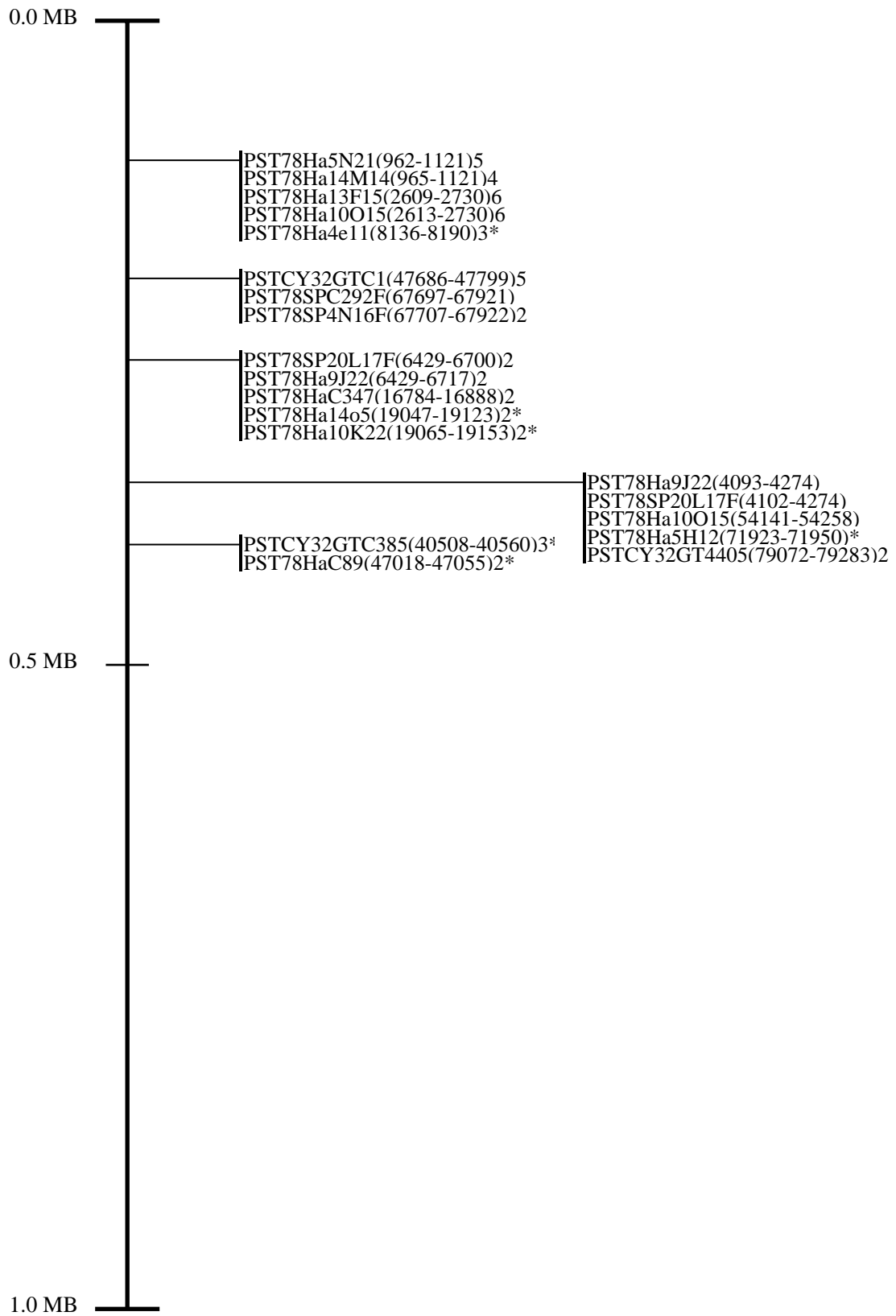
| = clones in the same contig



**Supercontig 58**  
**length: 496,650 bp**

\* = less than 100bp alignment

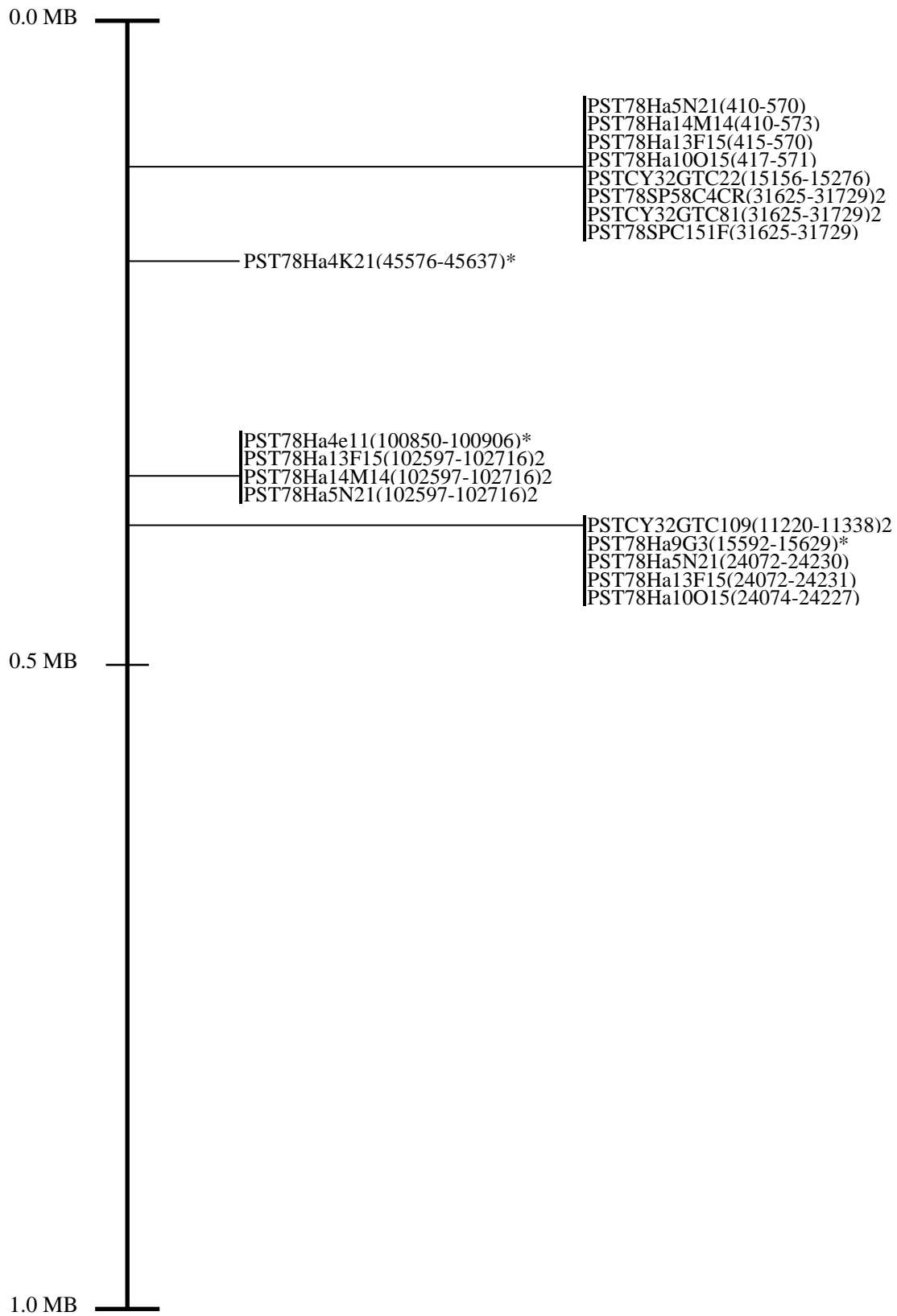
| = clones in the same contig



**Supercontig 59**  
**length: 489,205 bp**

\* = less than 100bp alignment

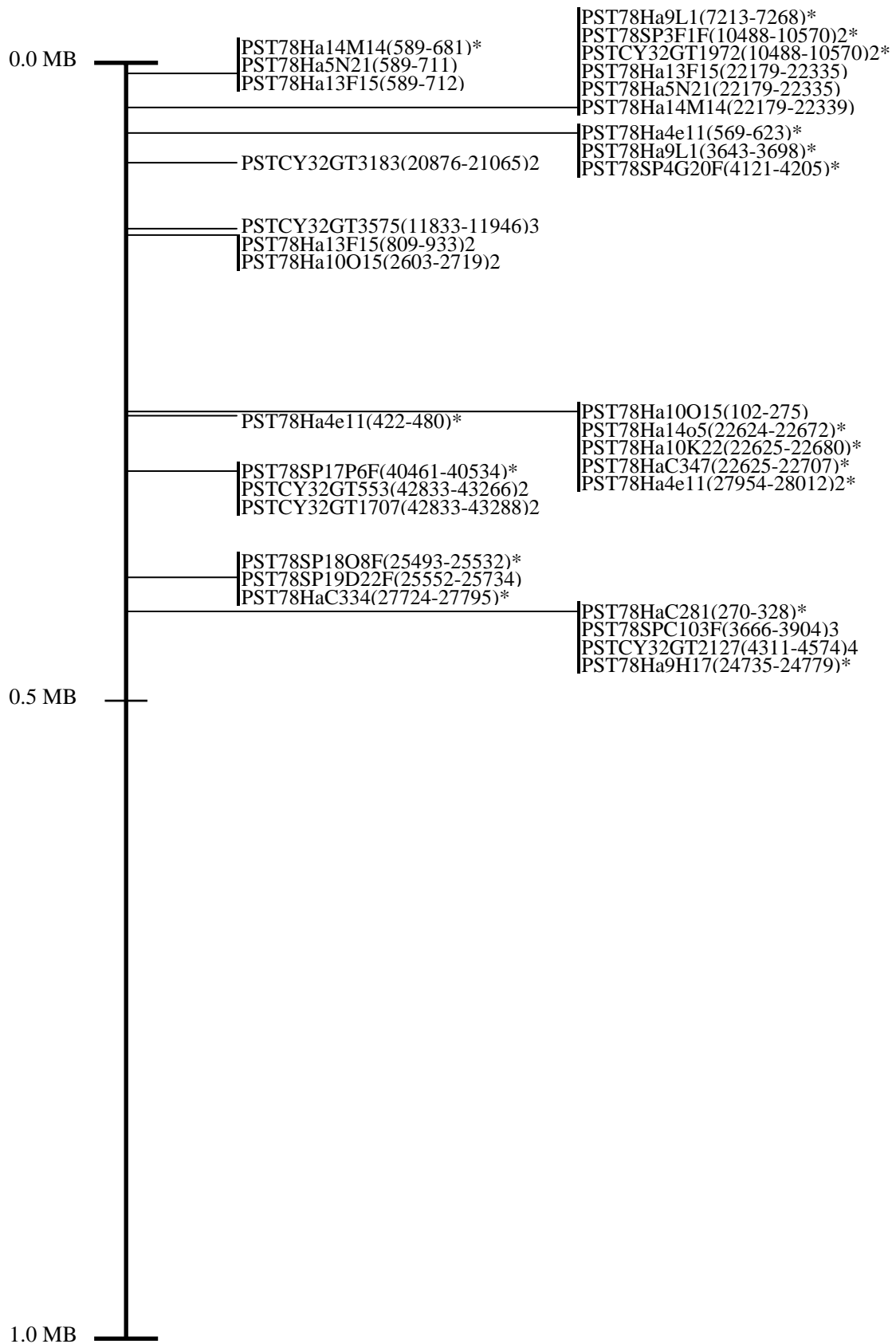
| = clones in the same contig



**Supercontig 60**  
**length: 436,003 bp**

\* = less than 100bp alignment

| = clones in the same contig

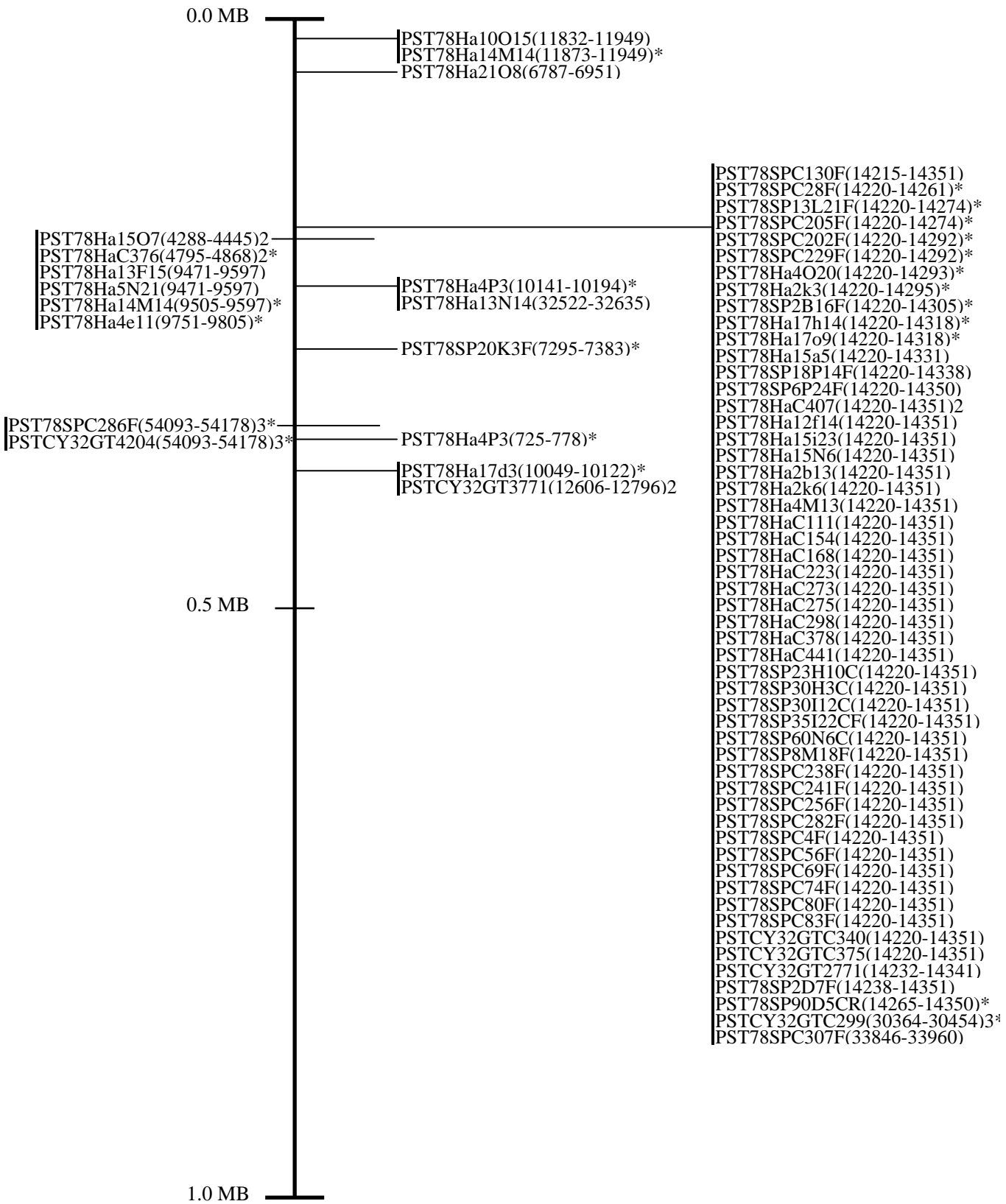


**Supercontig 61**  
**length: 469,309 bp**

\* = less than 100bp alignment

| = clones in the same contig

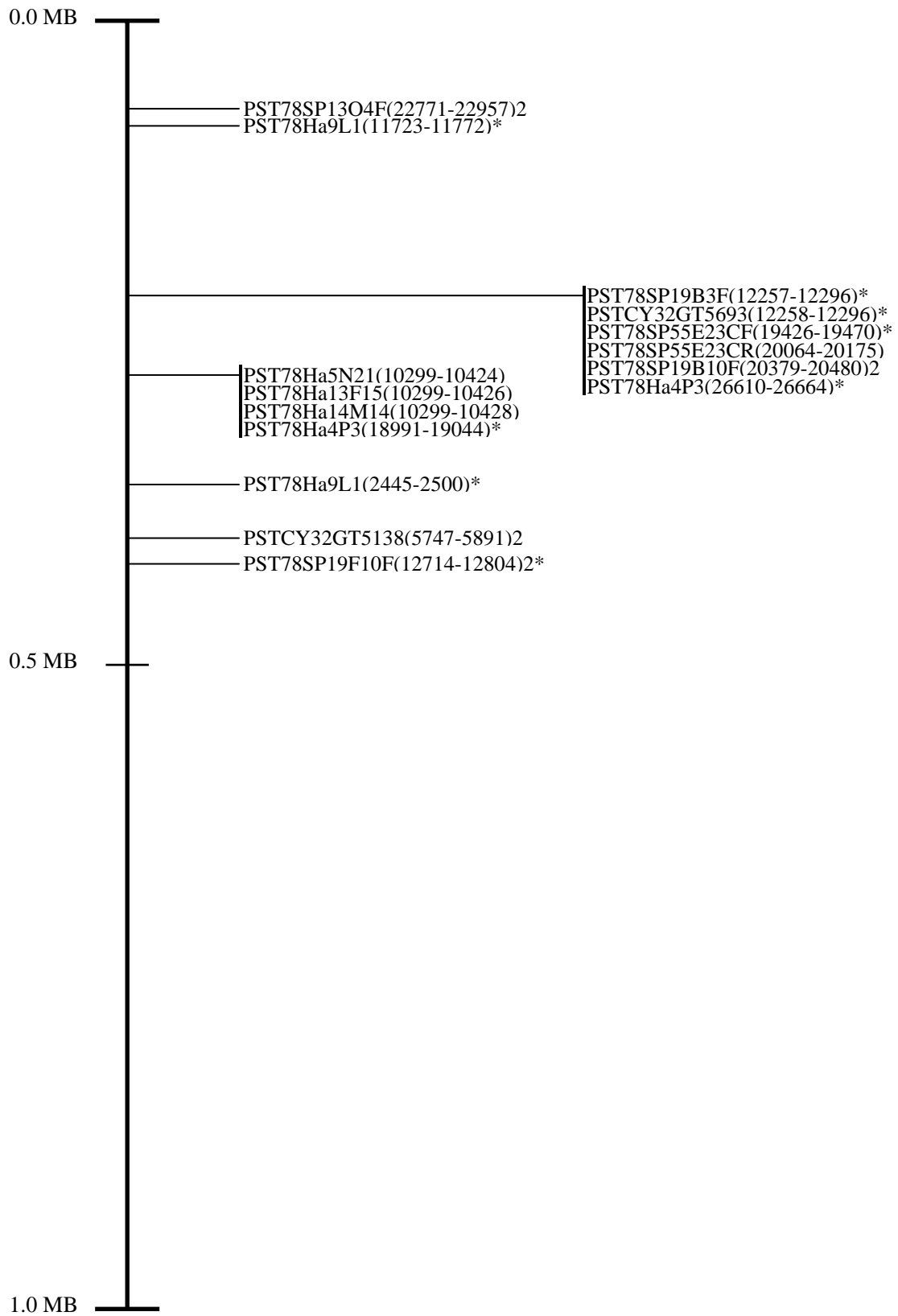




**Supercontig 62**  
**length: 428,160 bp**

\* = less than 100bp alignment

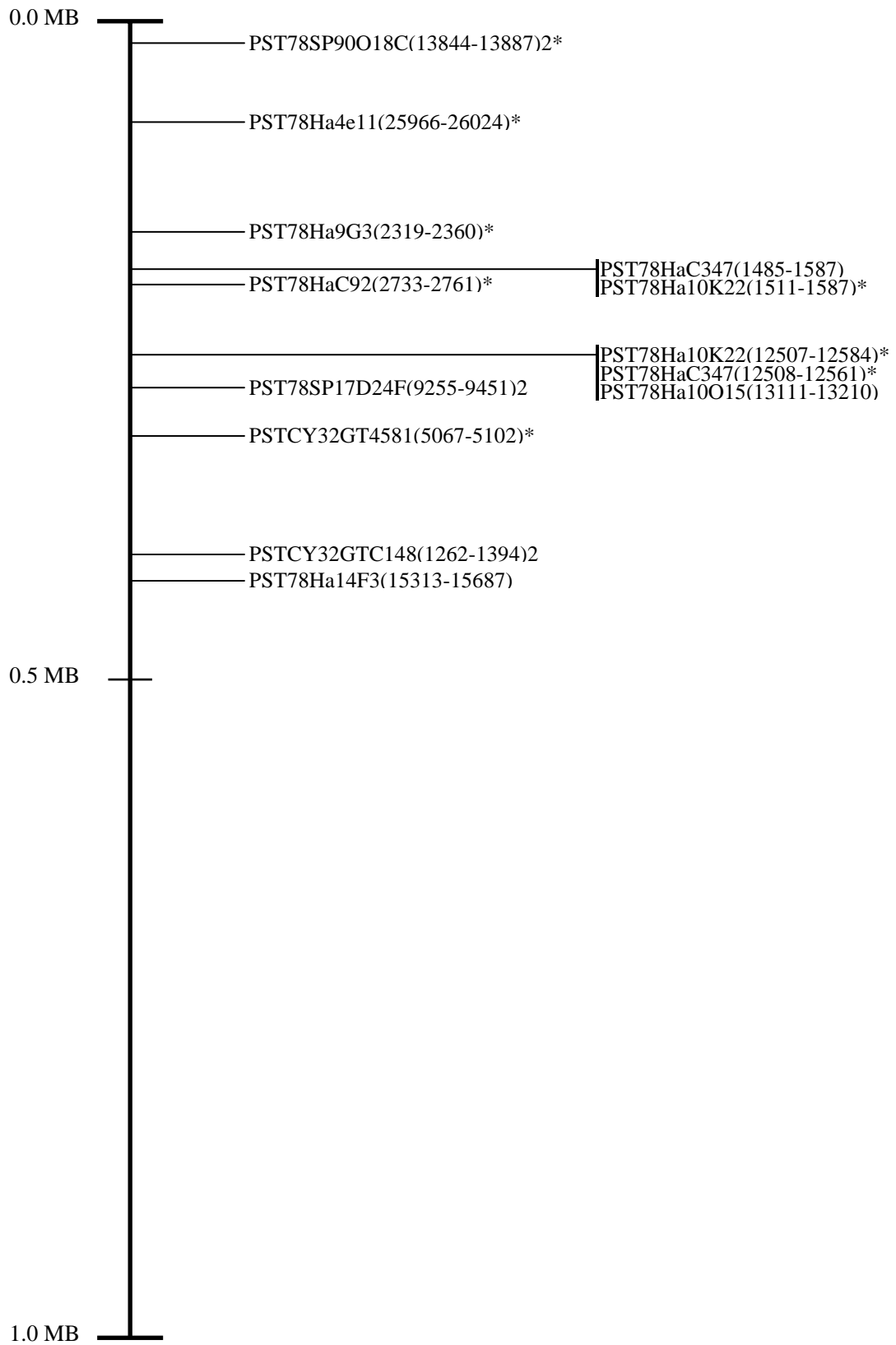
| = clones in the same contig



**Supercontig 63**  
length: 433,102 bp

\* = less than 100bp alignment

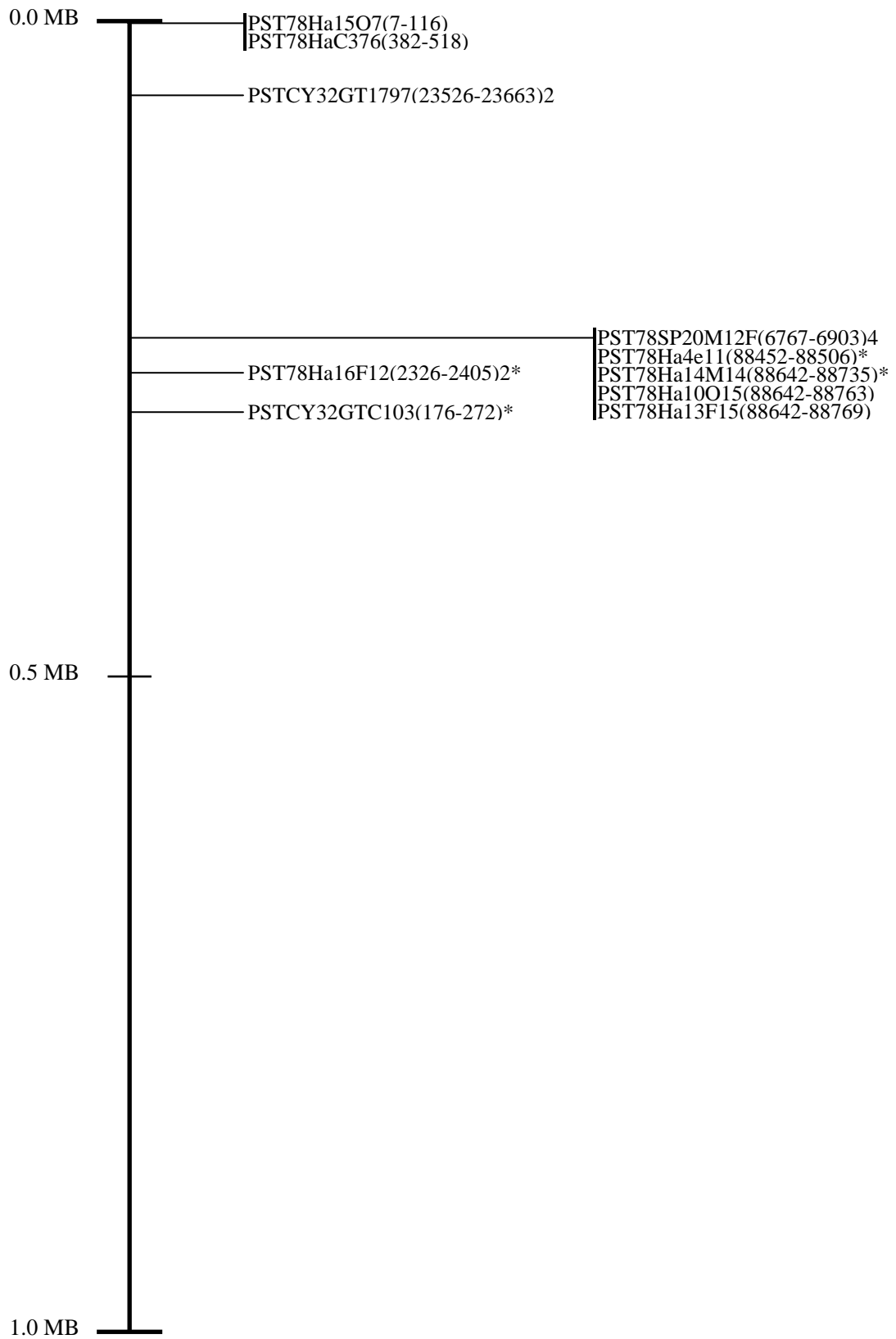
| = clones in the same contig



**Supercontig 64**  
**length: 440,512 bp**

\* = less than 100bp alignment

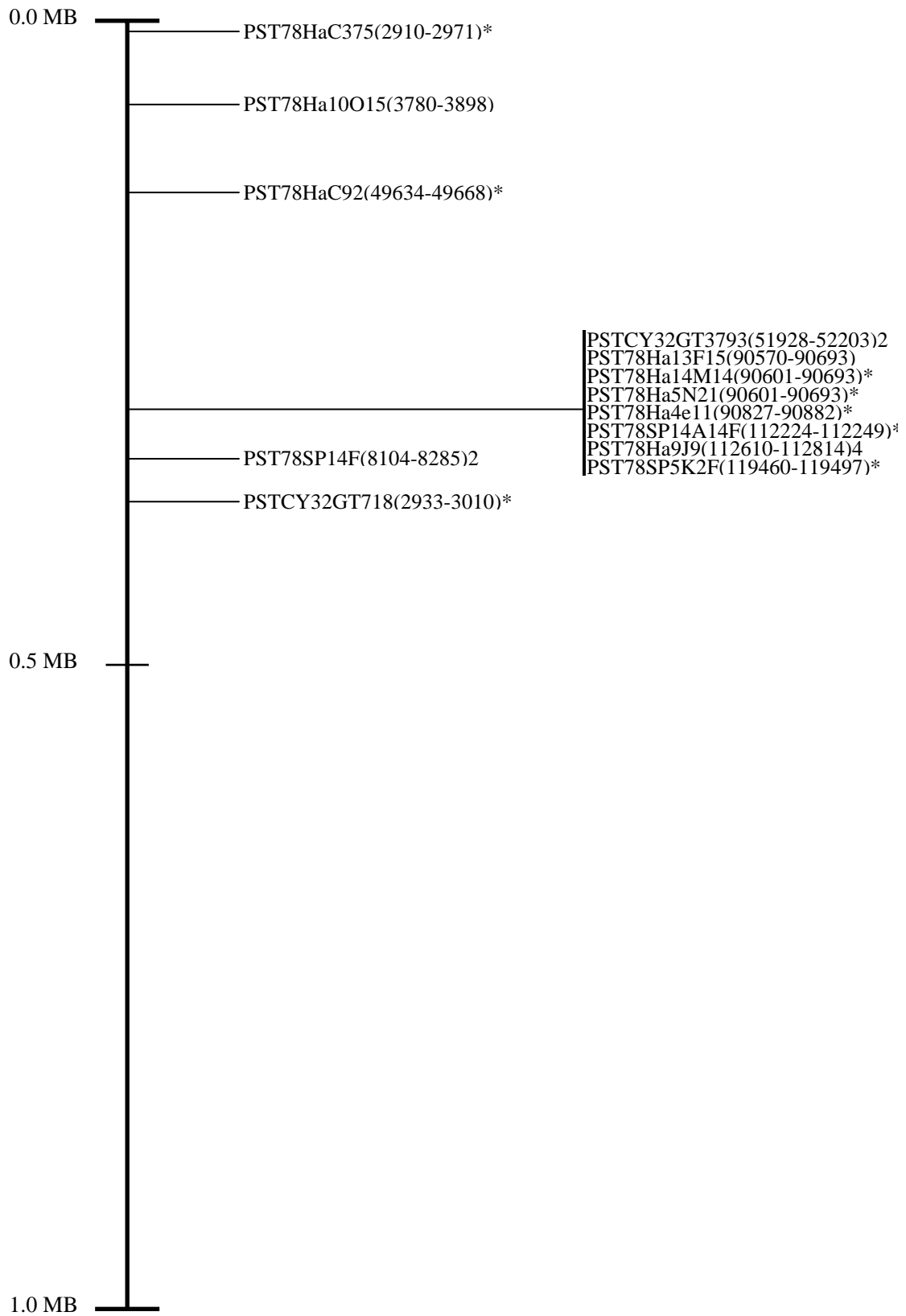
| = clones in the same contig



**Supercontig 65**  
length: 407,335 bp

\* = less than 100bp alignment

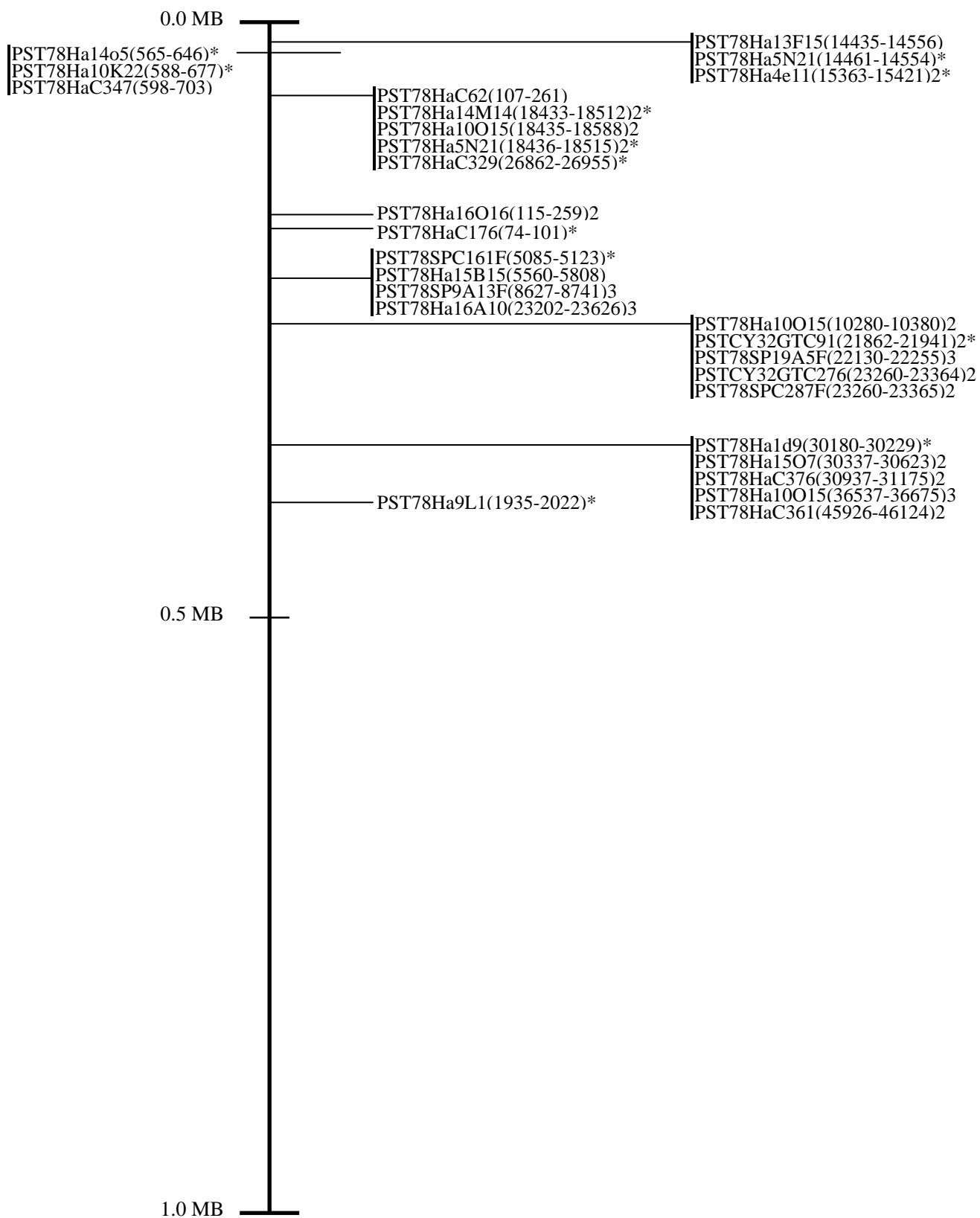
| = clones in the same contig



**Supercontig 66**  
**length: 388,993 bp**

\* = less than 100bp alignment

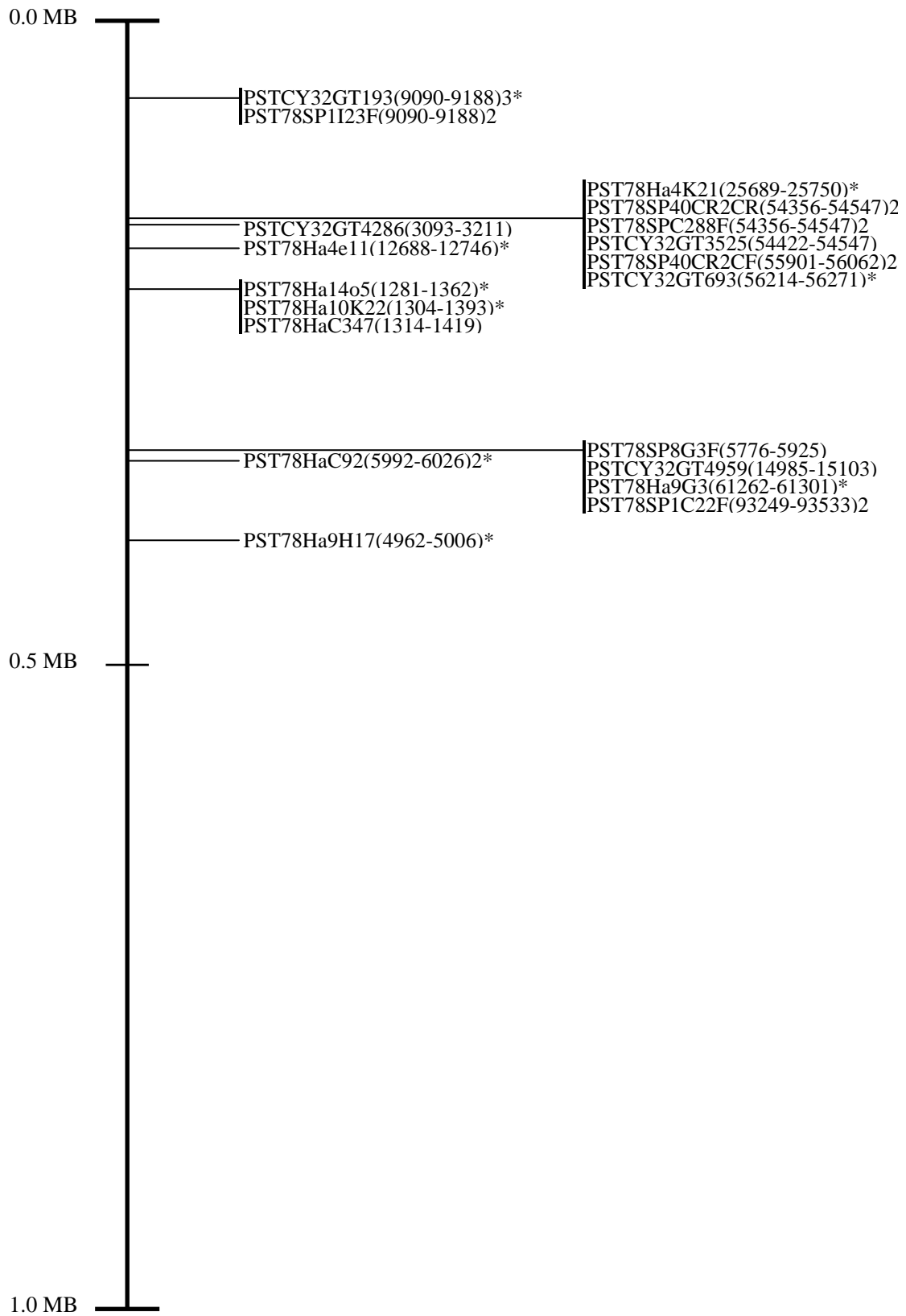
| = clones in the same contig



**Supercontig 67**  
length: 403,504 bp

\* = less than 100bp alignment

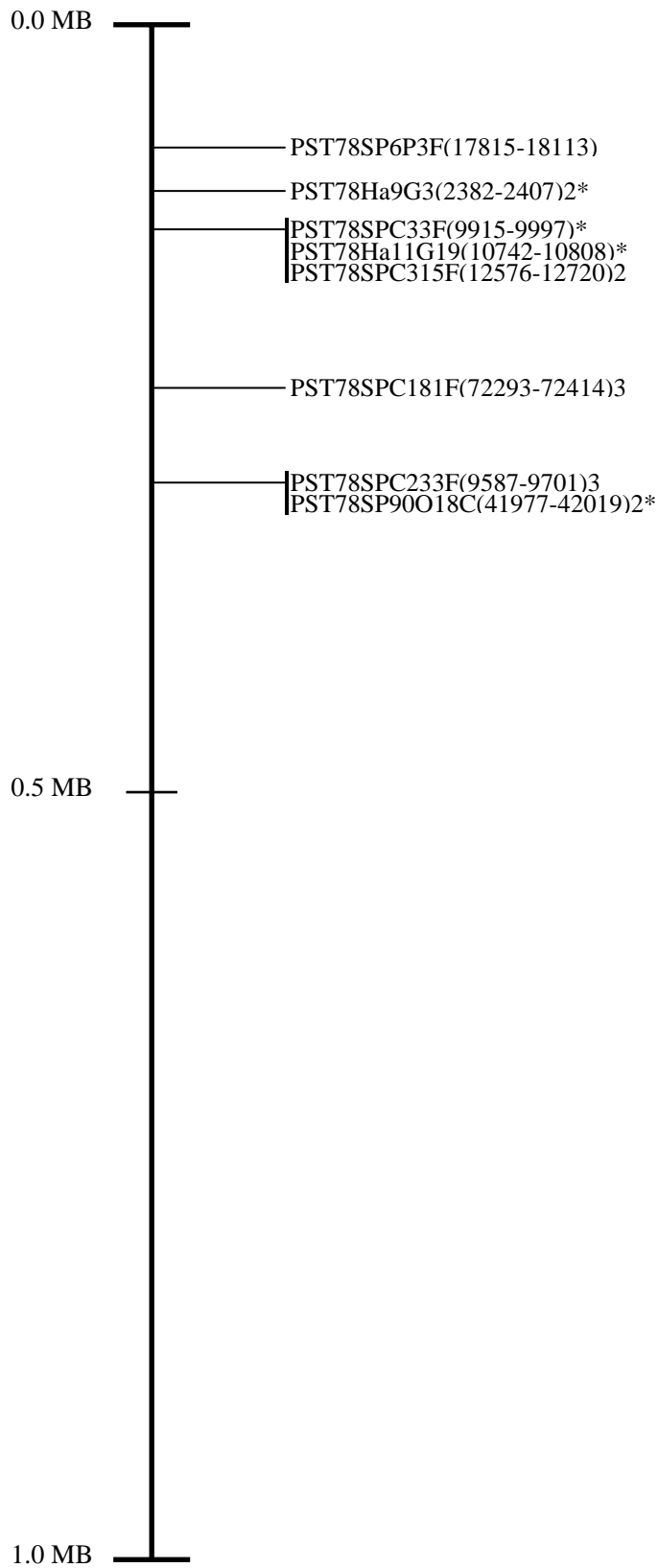
| = clones in the same contig



**Supercontig 68**  
length: 403,089 bp

\* = less than 100bp alignment

| = clones in the same contig

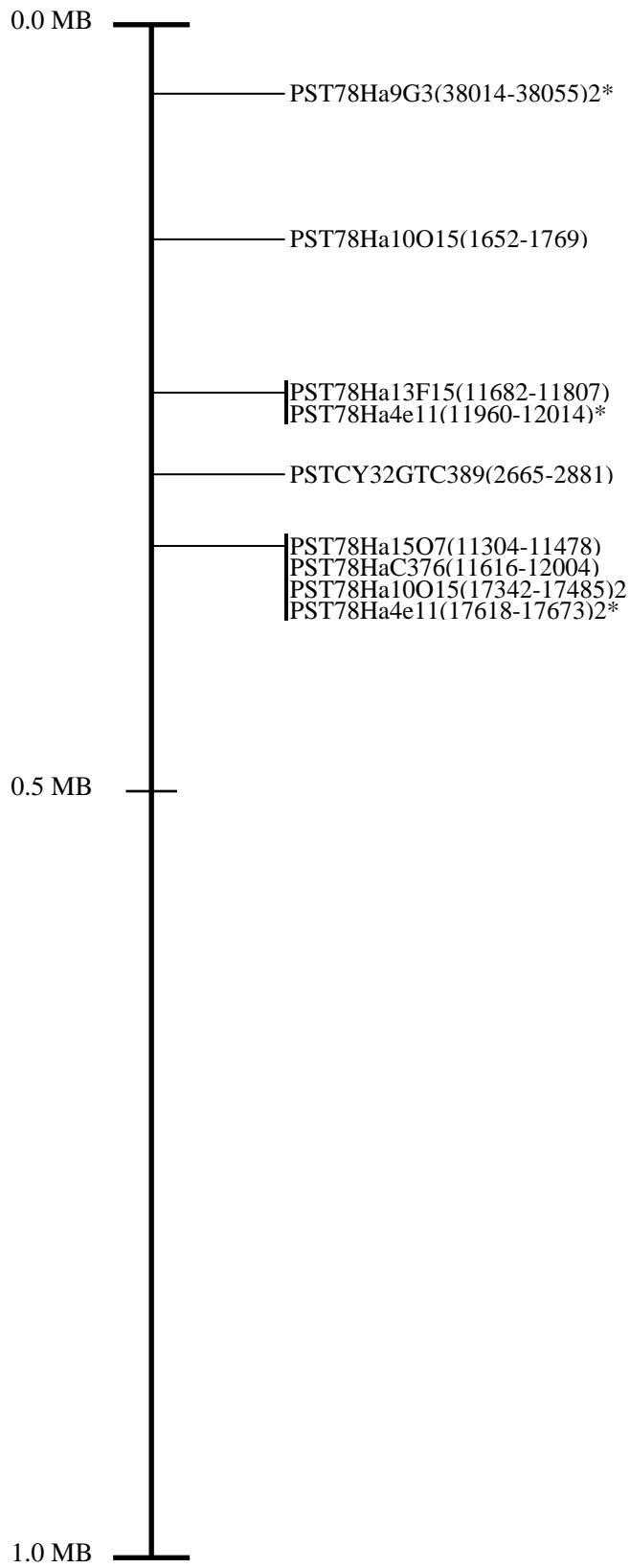


**Supercontig 69**  
**length: 367,522 bp**

\* = less than 100bp alignment

| = clones in the same contig

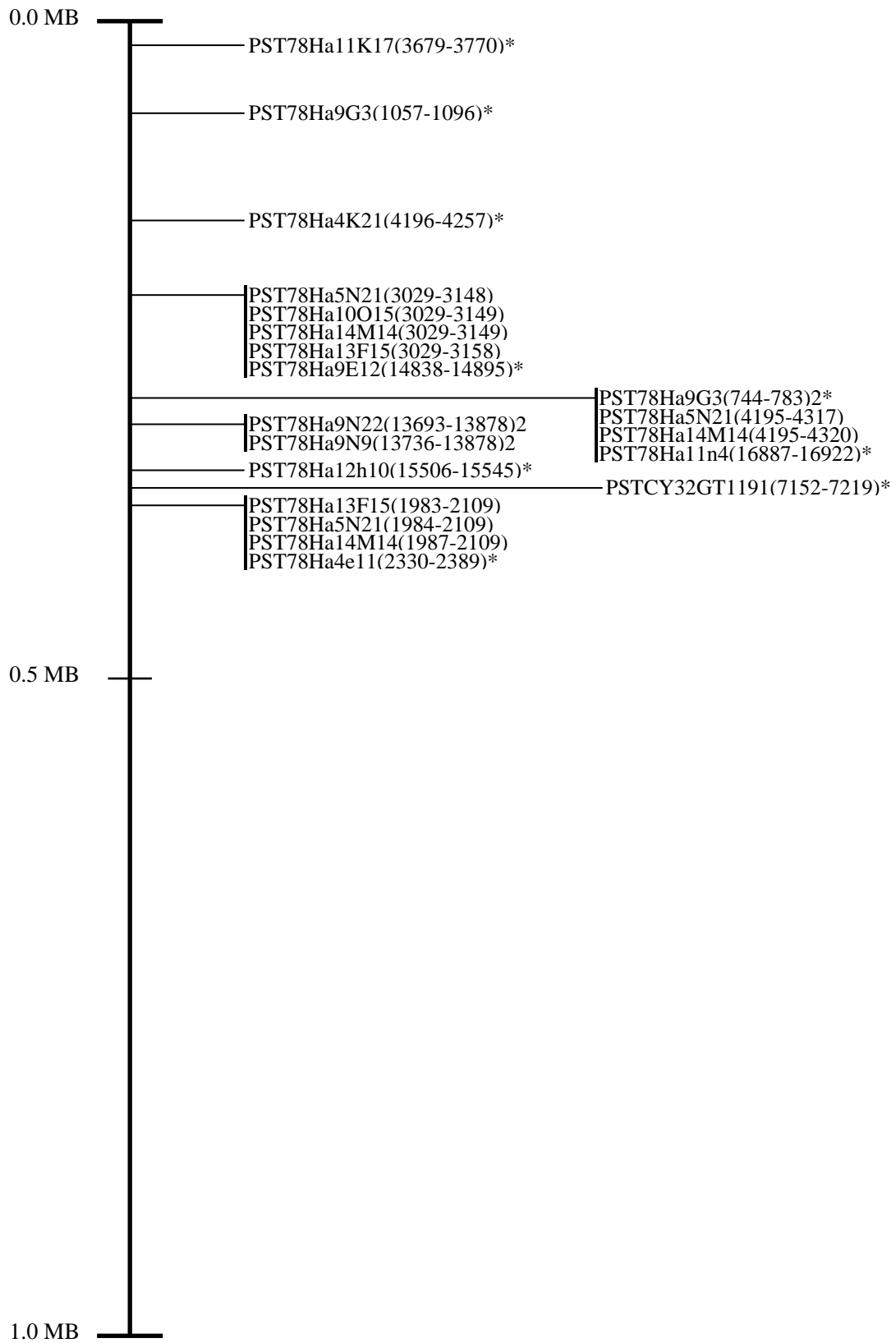




**Supercontig 70**  
**length: 386,059 bp**

\* = less than 100bp alignment

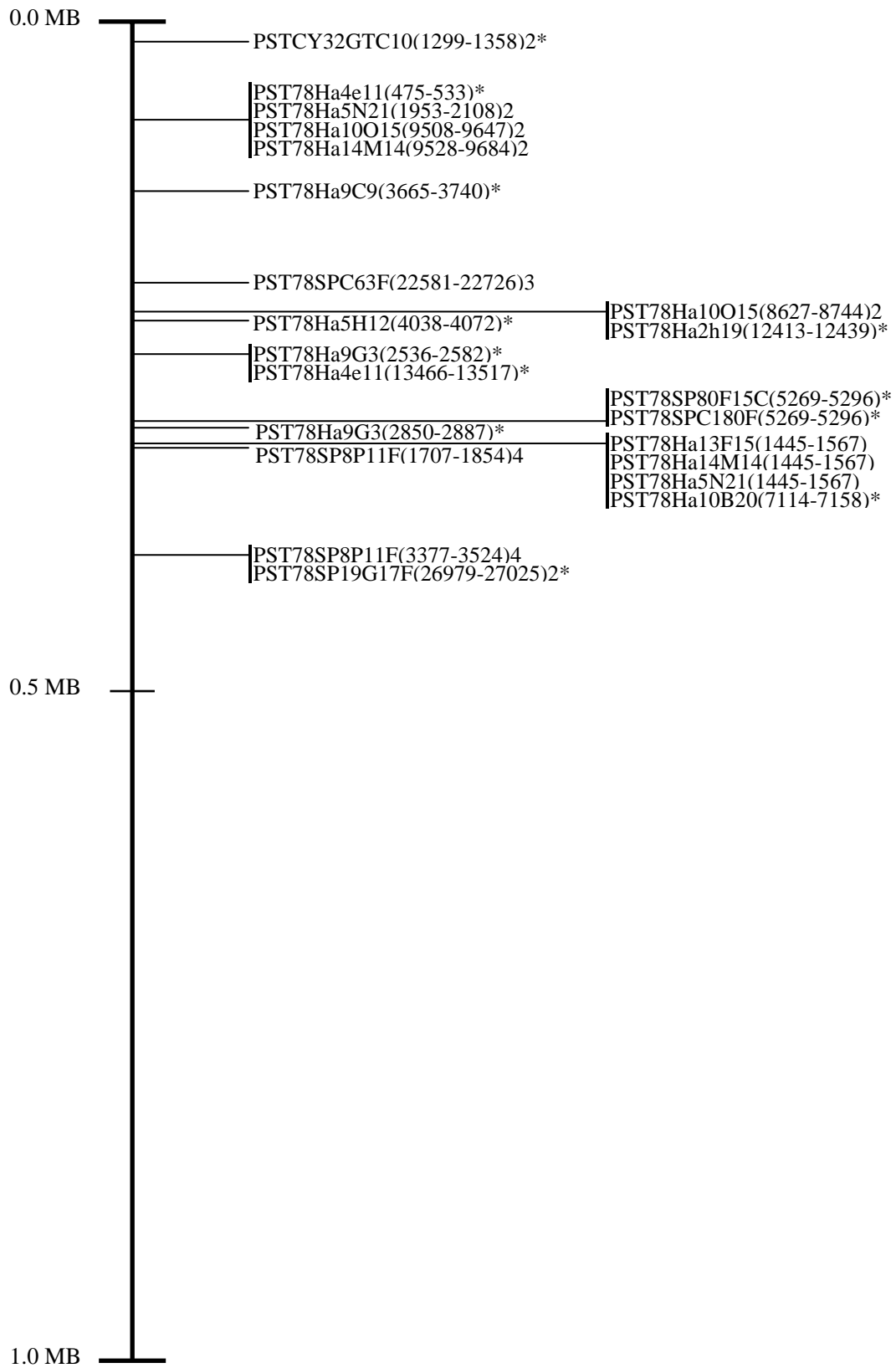
| = clones in the same contig



**Supercontig 71**  
**length: 392,332 bp**

\* = less than 100bp alignment

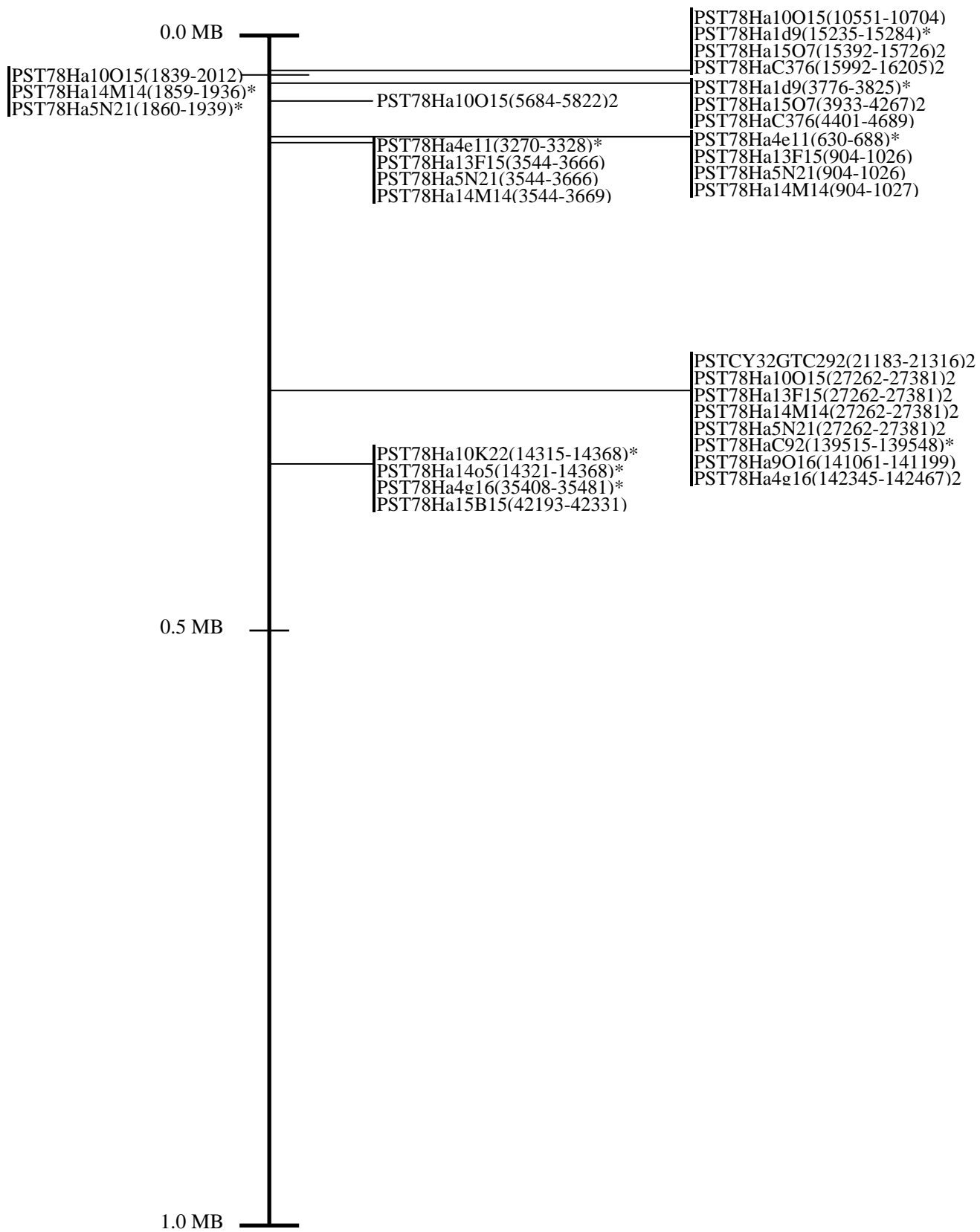
| = clones in the same contig



**Supercontig 72**  
**length: 398,881 bp**

\* = less than 100bp alignment

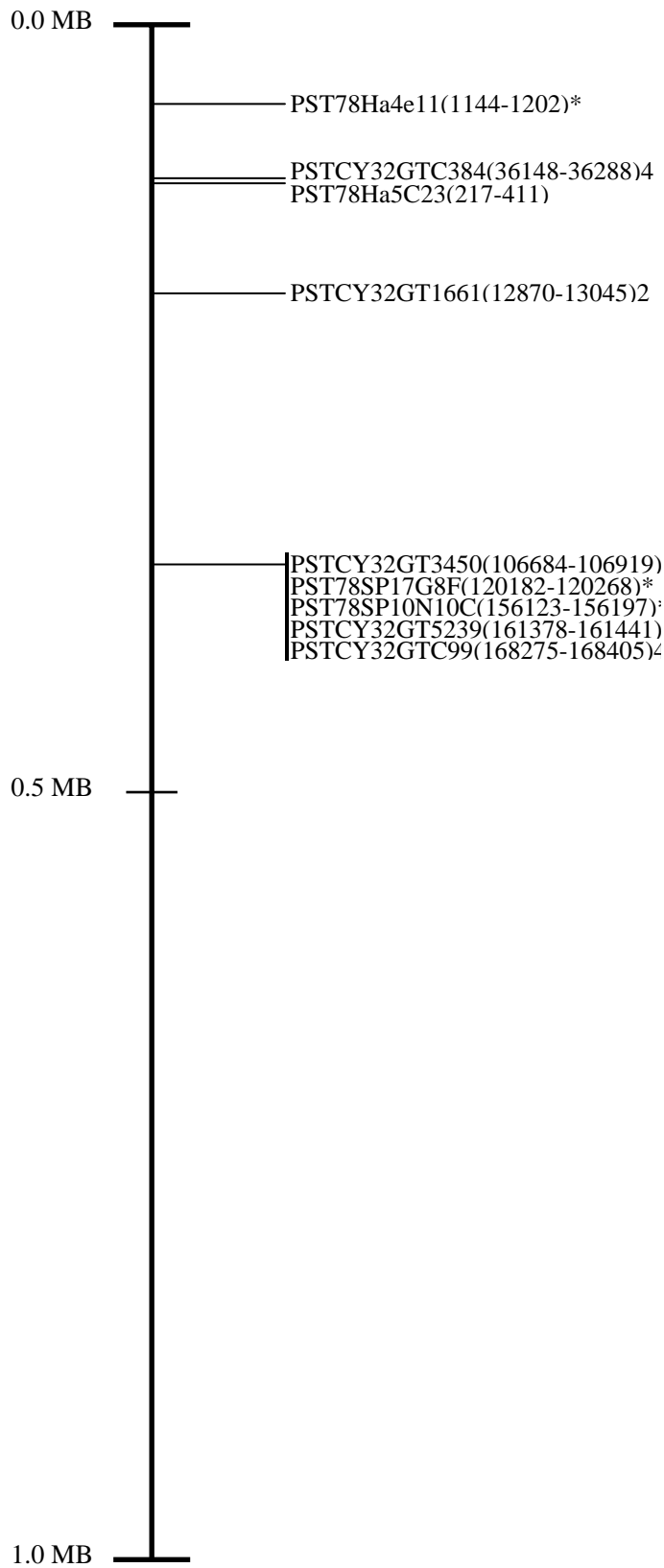
| = clones in the same contig



**Supercontig 73**  
**length: 360,371 bp**

\* = less than 100bp alignment

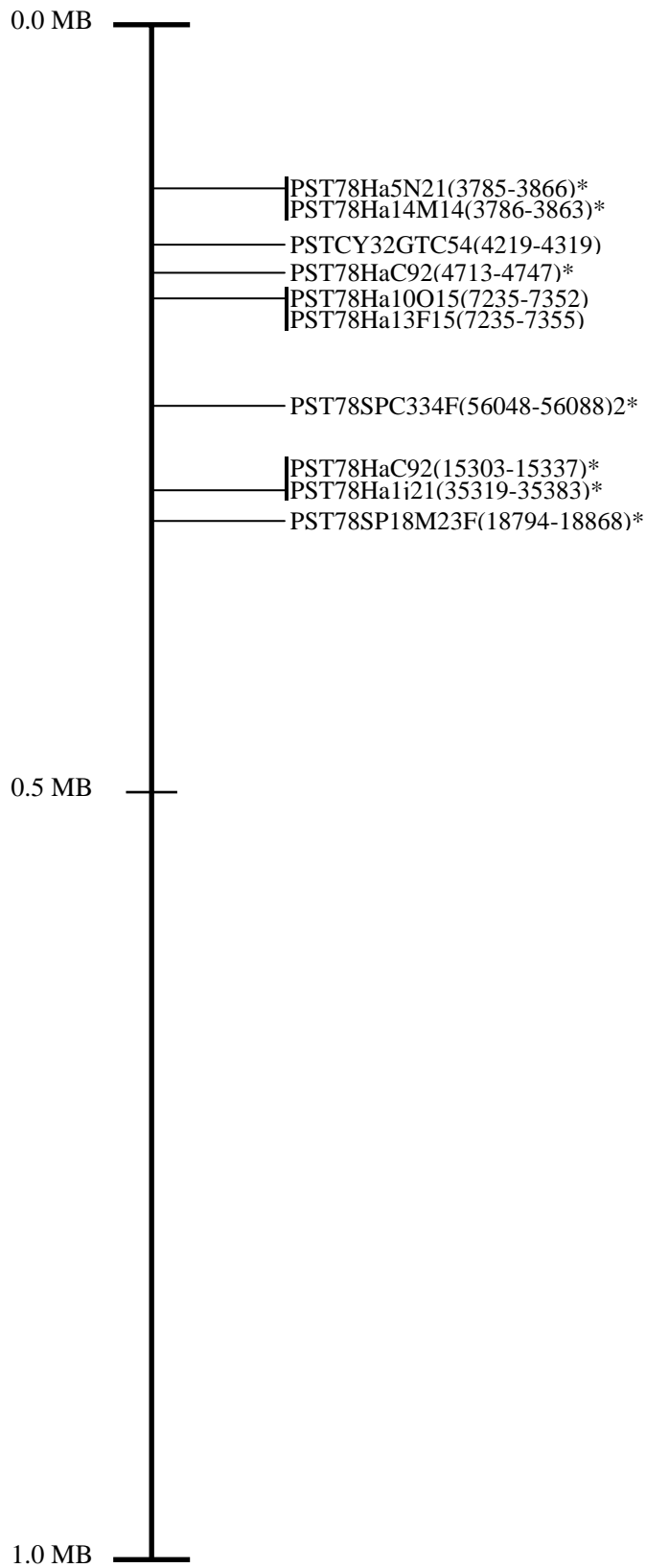
| = clones in the same contig



**Supercontig 74**  
length: 351,149 bp

\* = less than 100bp alignment

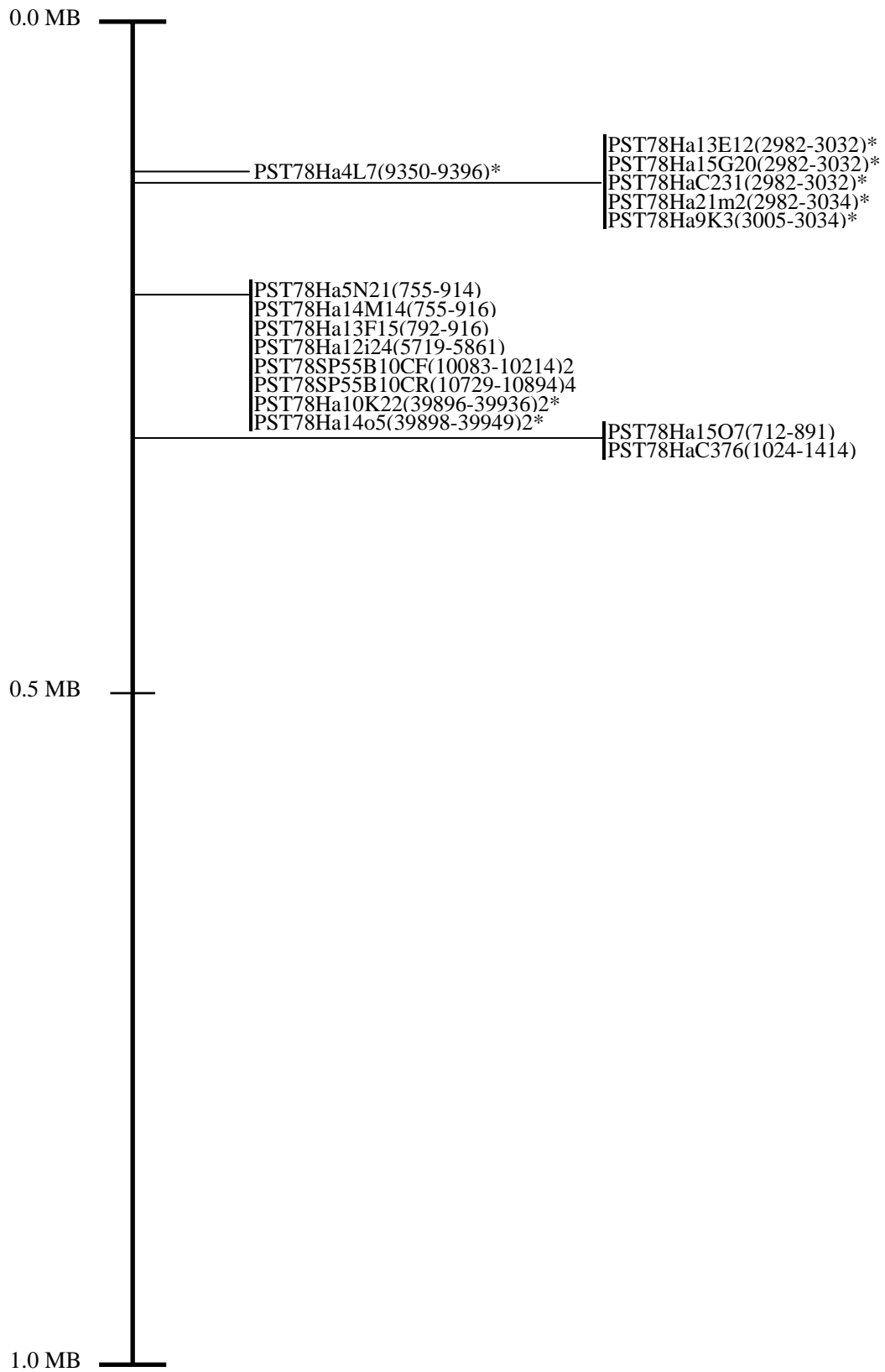
| = clones in the same contig



**Supercontig 75**  
length: 350,882 bp

\* = less than 100bp alignment

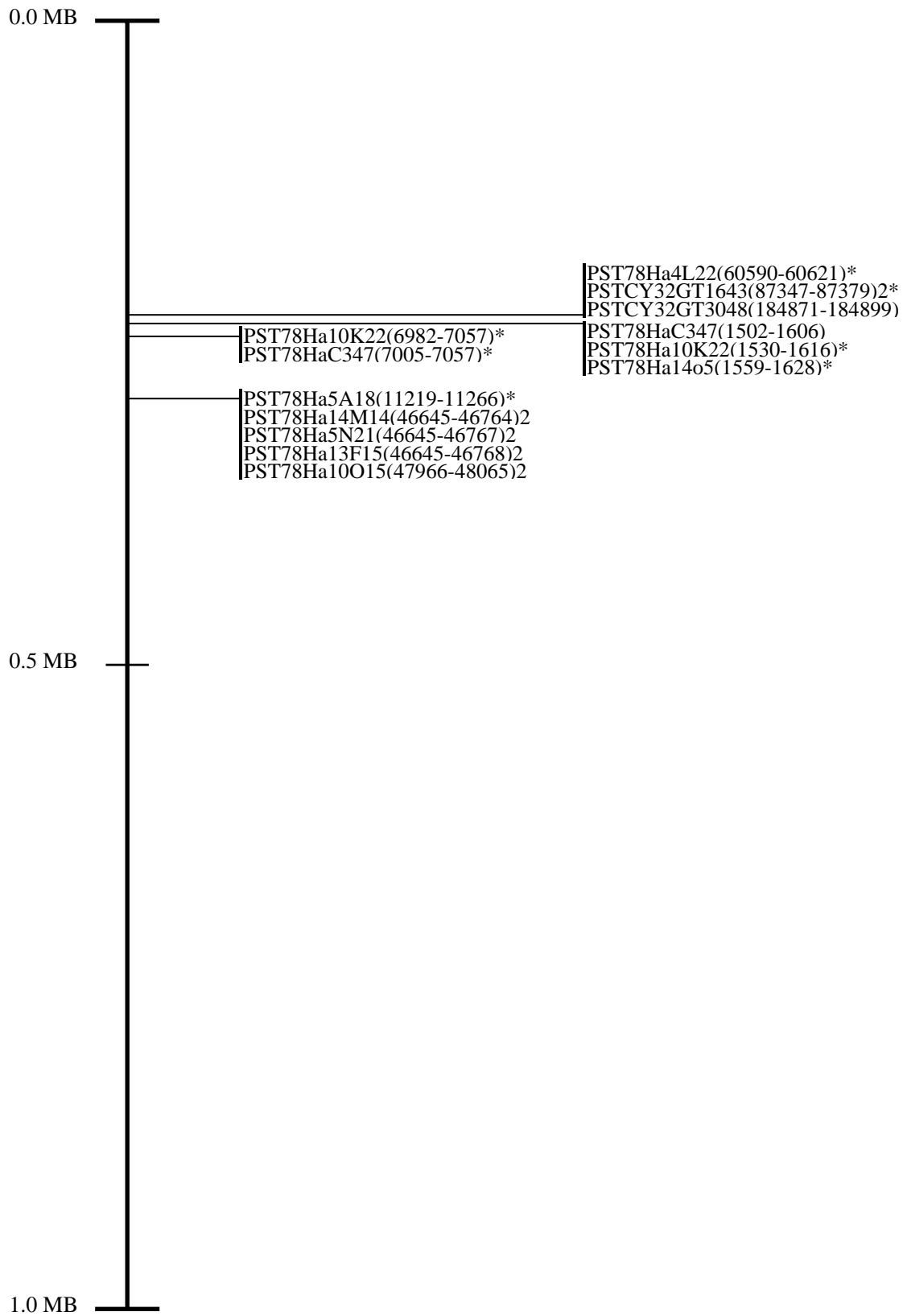
| = clones in the same contig



**Supercontig 76**  
**length: 341,344 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 77**  
**length: 304,582 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB

0.5 MB

1.0 MB

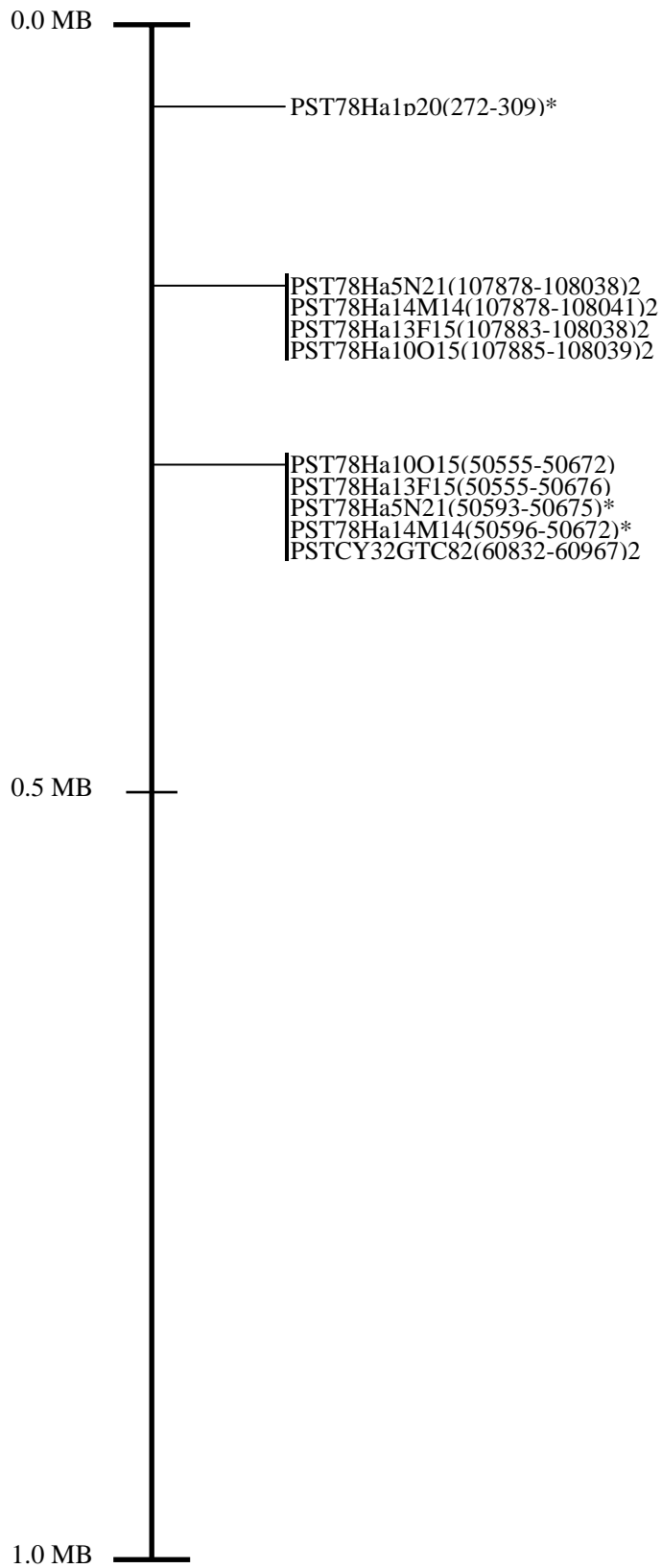
PSTCY32GT1142(6119-6282)4  
PSTCY32GT1744(8944-9077)2  
PST78SP19i18F(9176-9398)2  
PST78Ha14p11(11799-12111)2  
PST78Ha10J19(127916-127961)\*  
PSTCY32GT6038(128648-128724)  
PST78SP11H18F(150987-151067)‡  
PST78SP18C17F(152026-152175)2  
PST78Ha4e11(170262-170320)\*  
PST78HaC347(178764-178814)\*  
PST78Ha10K22(178764-178839)\*  
PST78Ha1p20(191536-191587)\*  
PST78SP20G12F(216067-216152)‡

PSTCY32GTC364(23568-23624)2‡  
PSTCY32GT5820(43246-43360)2  
PSTCY32GTC221(43246-43363)2  
PST78SPC309F(43323-43363)2\*

**Supercontig 78**  
**length: 296,996 bp**

\* = less than 100bp alignment

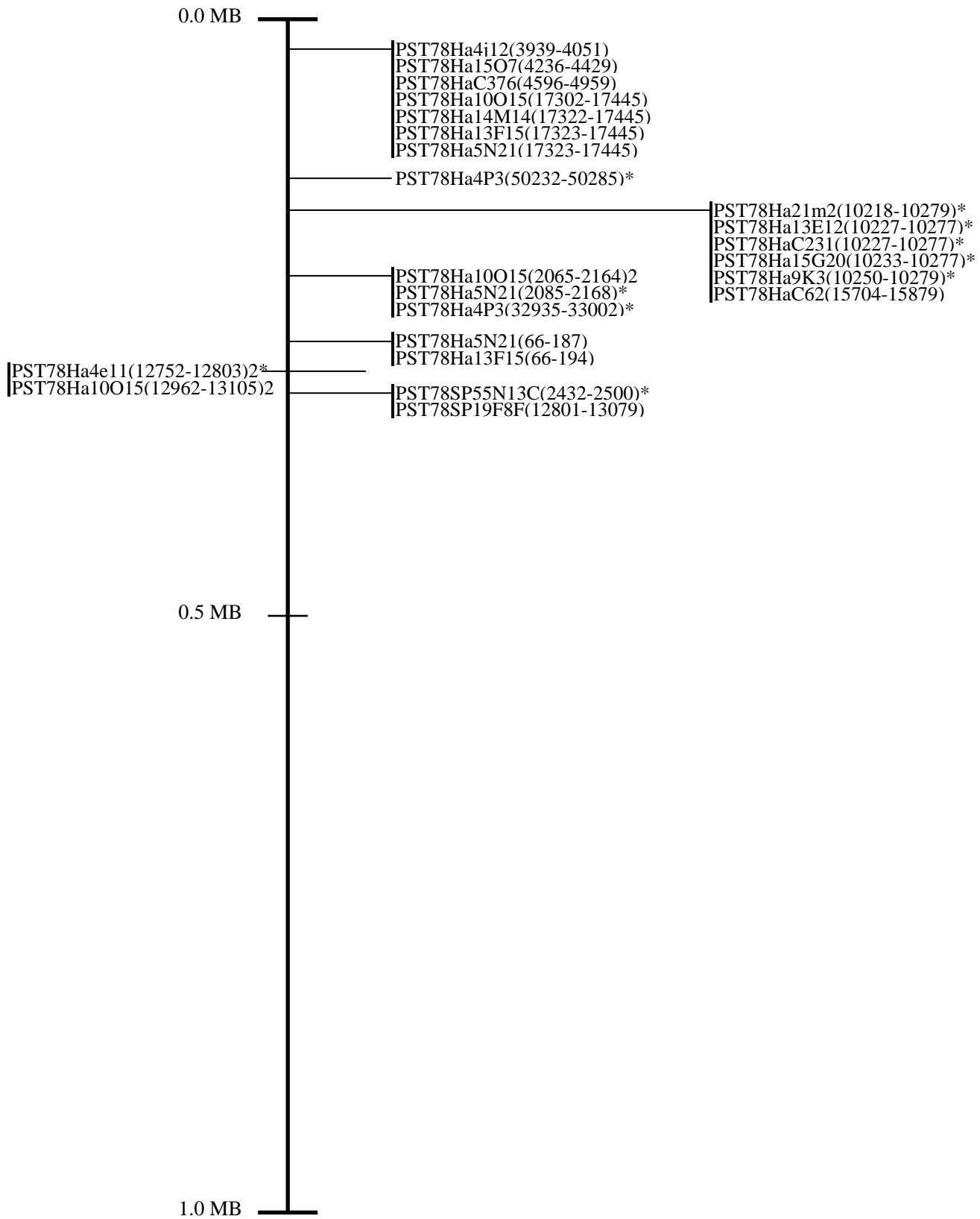
| = clones in the same contig



**Supercontig 79**  
**length: 286,933 bp**

\* = less than 100bp alignment

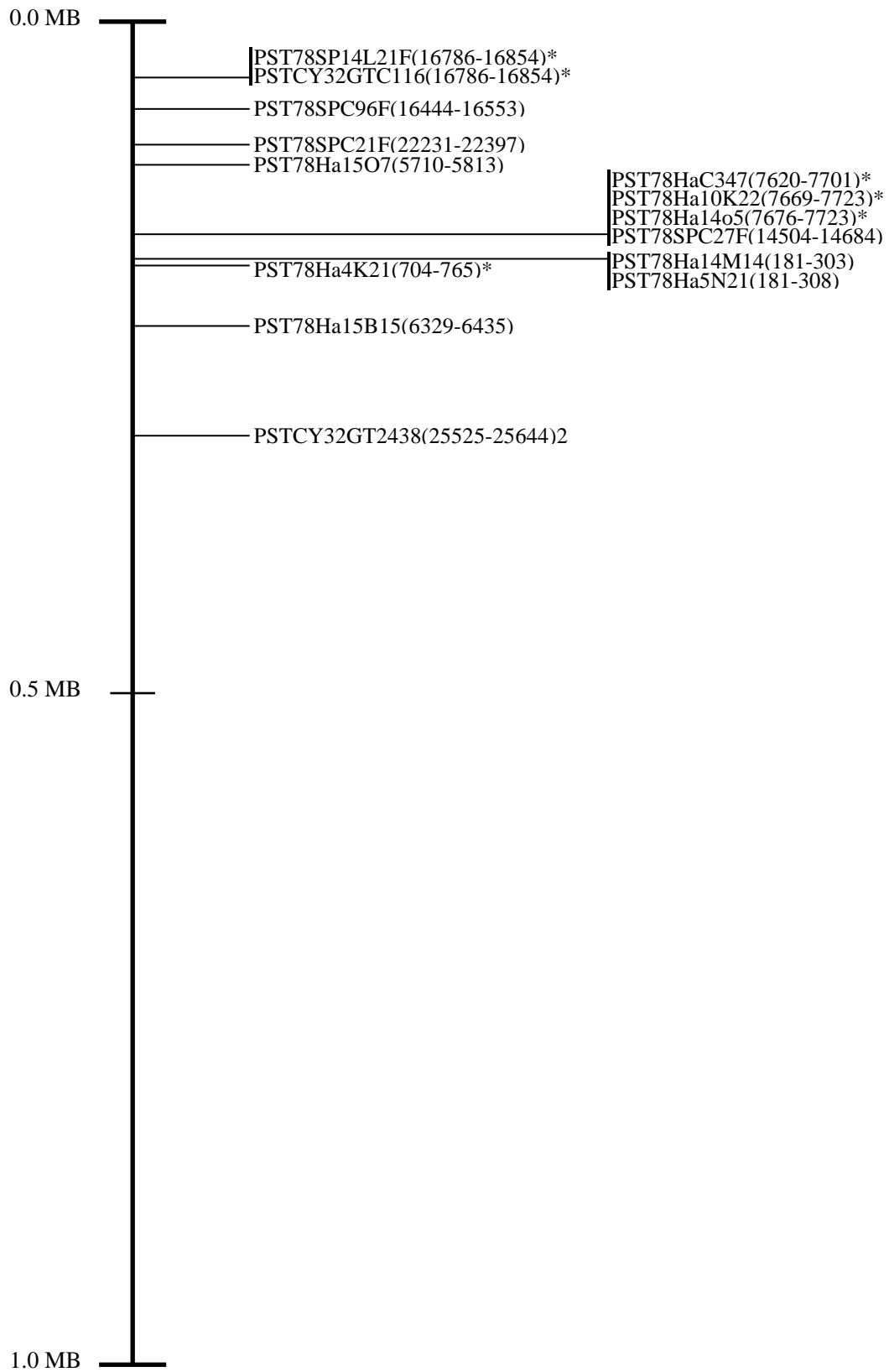
| = clones in the same contig



**Supercontig 80**  
**length: 312,600 bp**

\* = less than 100bp alignment

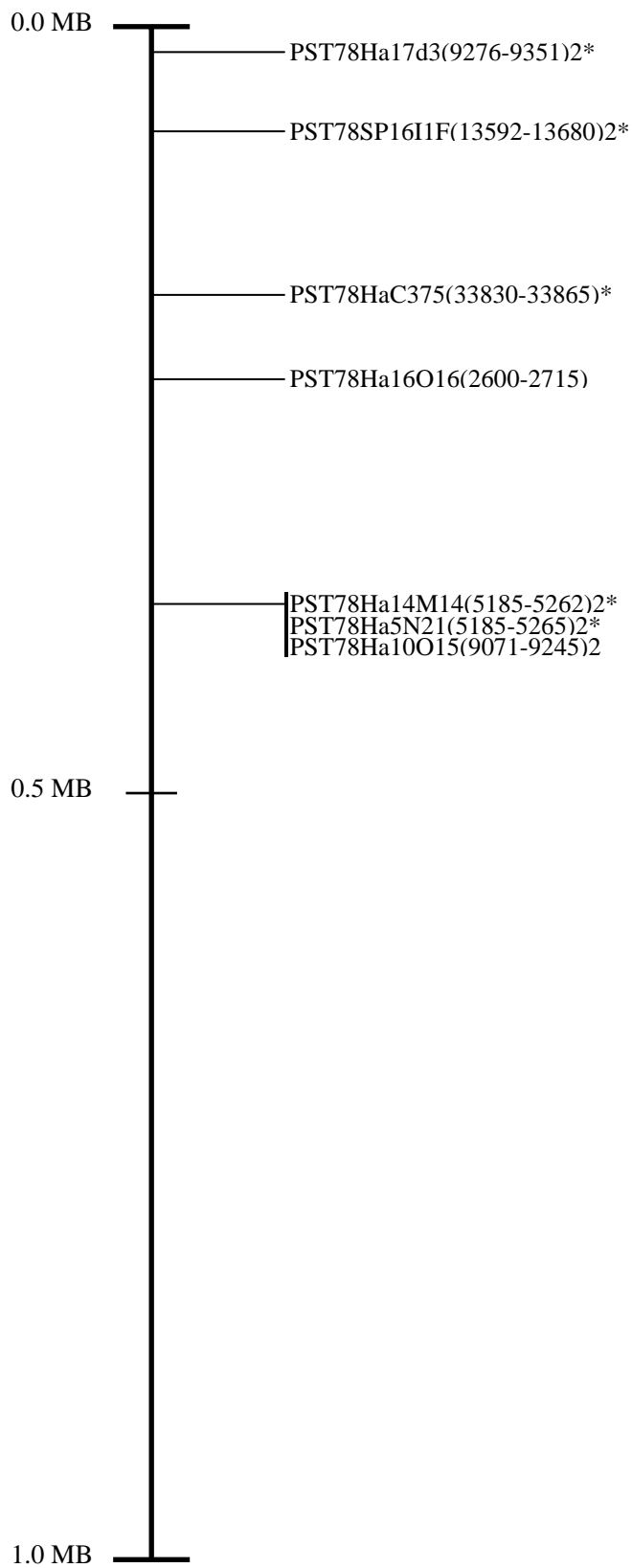
| = clones in the same contig



**Supercontig 81**  
**length: 341,312 bp**

\* = less than 100bp alignment

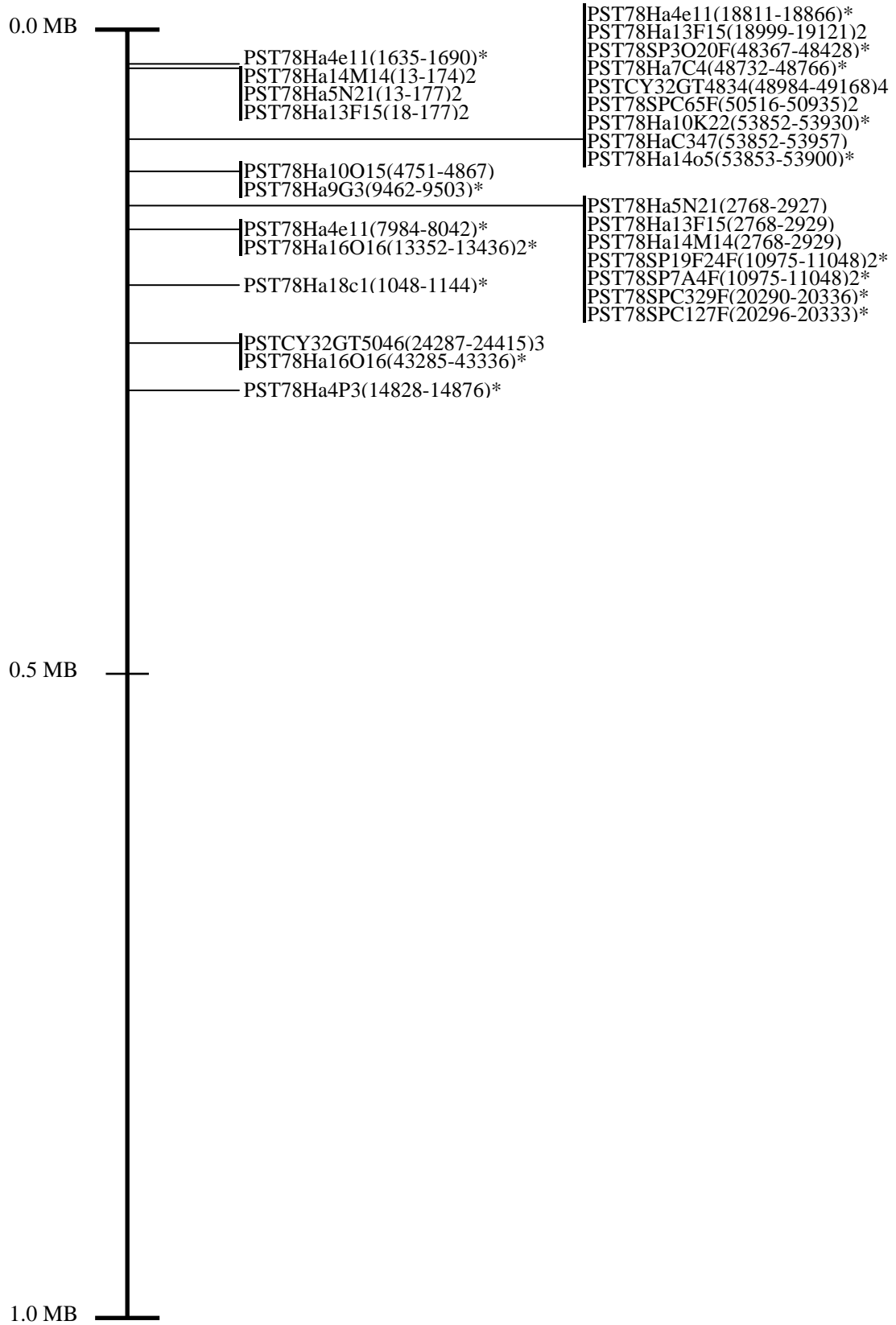
| = clones in the same contig



**Supercontig 82**  
**length: 375,963 bp**

\* = less than 100bp alignment

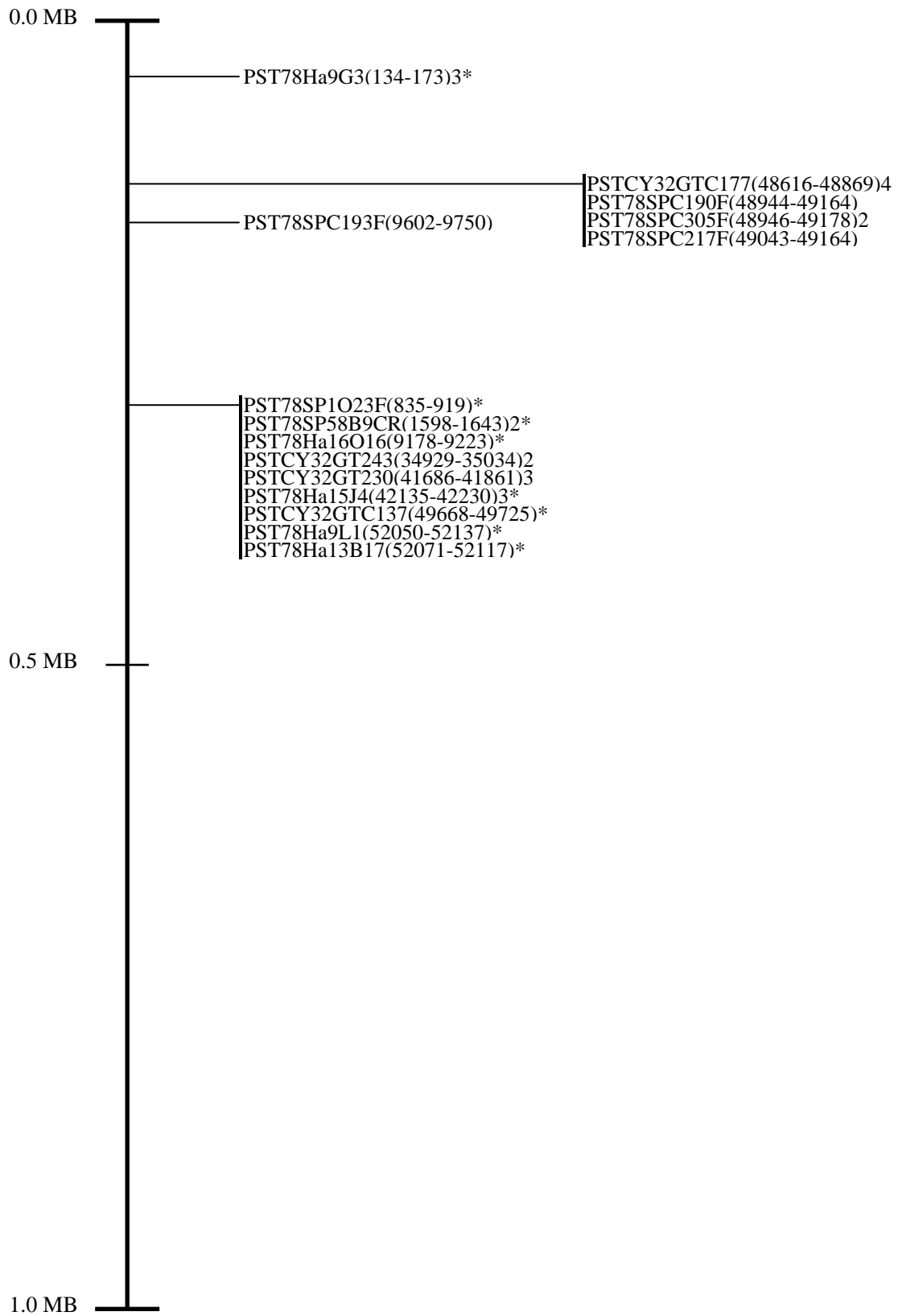
| = clones in the same contig



**Supercontig 83**  
**length: 301,412 bp**

\* = less than 100bp alignment

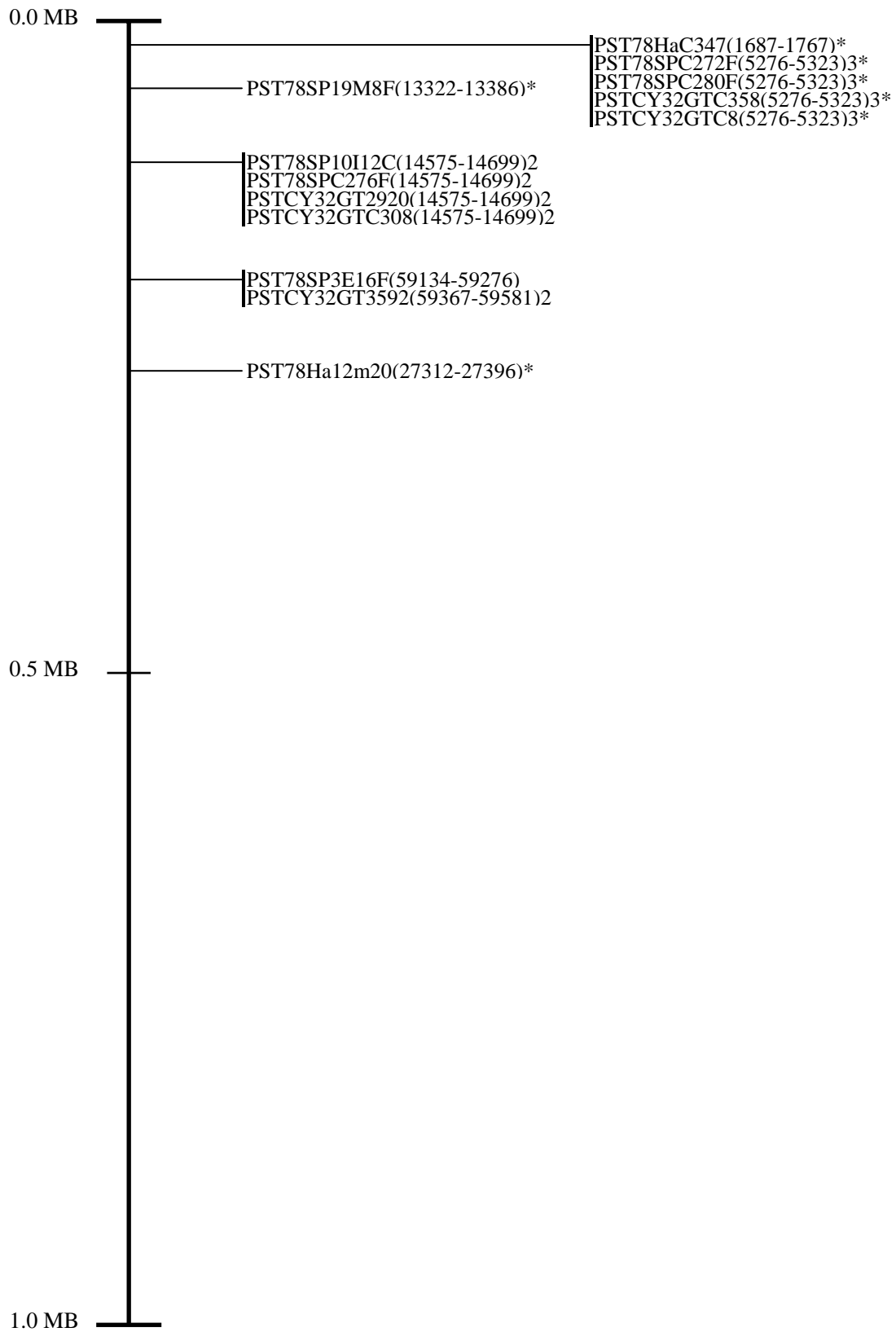
| = clones in the same contig



**Supercontig 84**  
length: 306,211 bp

\* = less than 100bp alignment

| = clones in the same contig

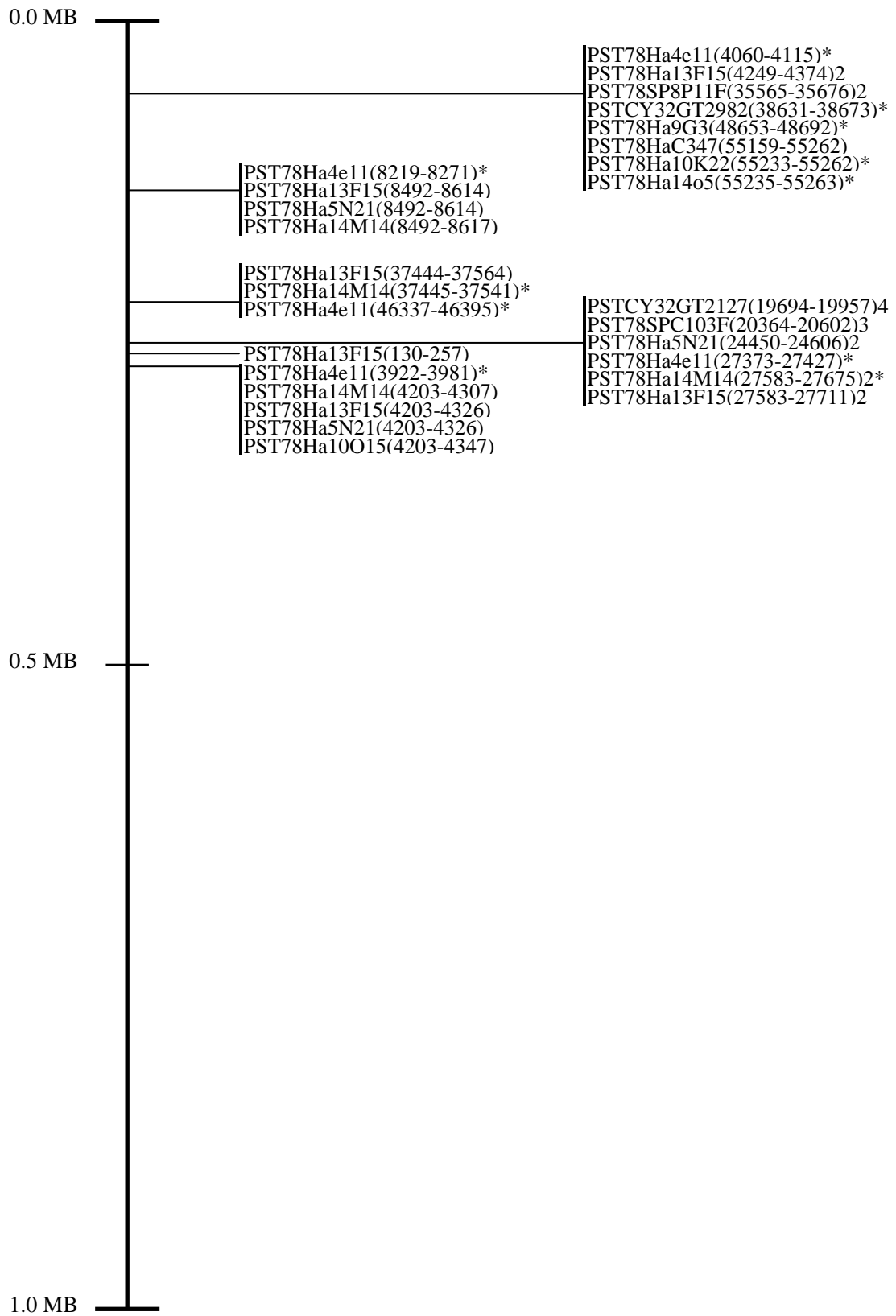


**Supercontig 85**  
**length: 286,187 bp**

\* = less than 100bp alignment

| = clones in the same contig

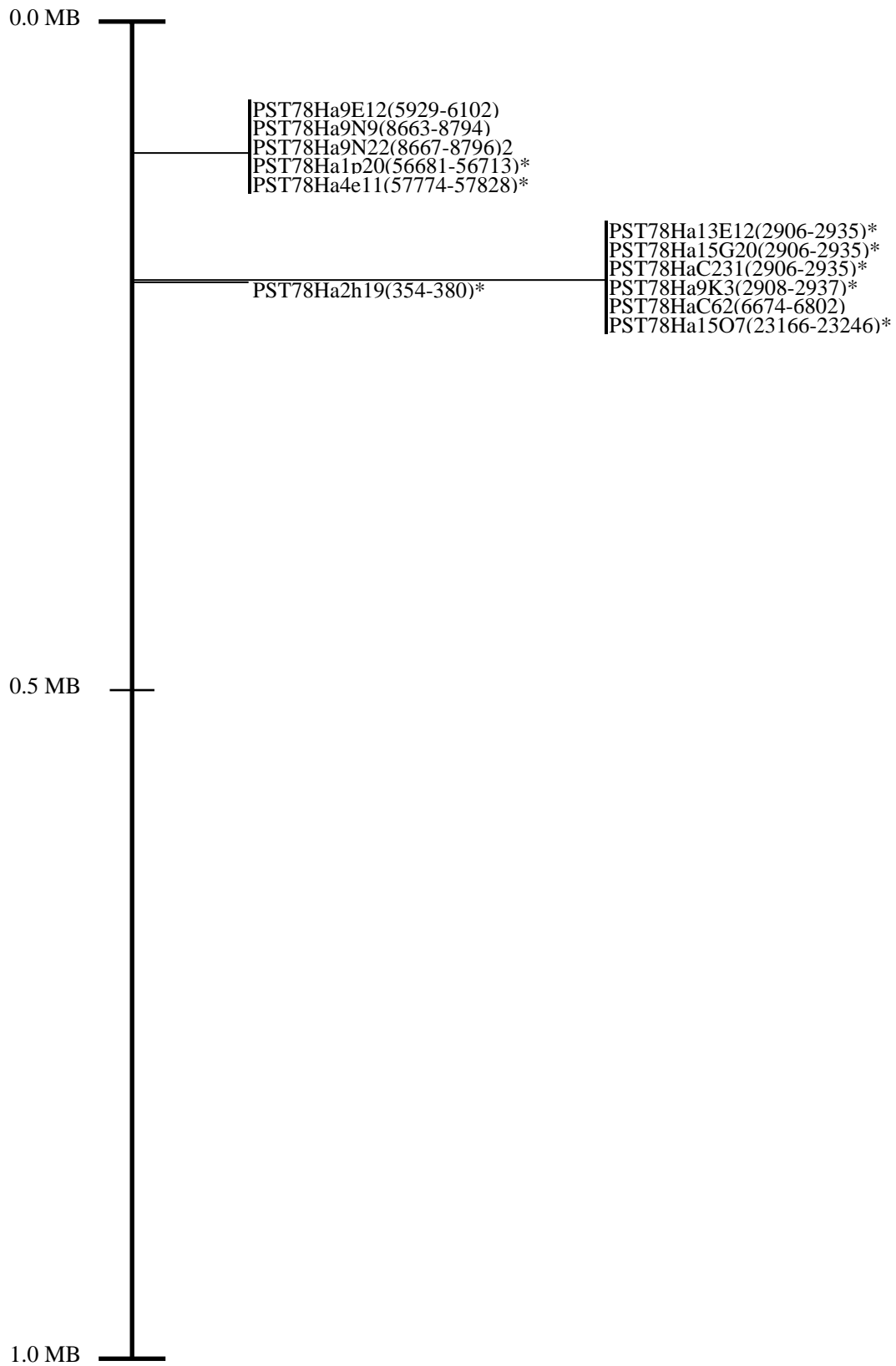




**Supercontig 86**  
**length: 268,723 bp**

\* = less than 100bp alignment

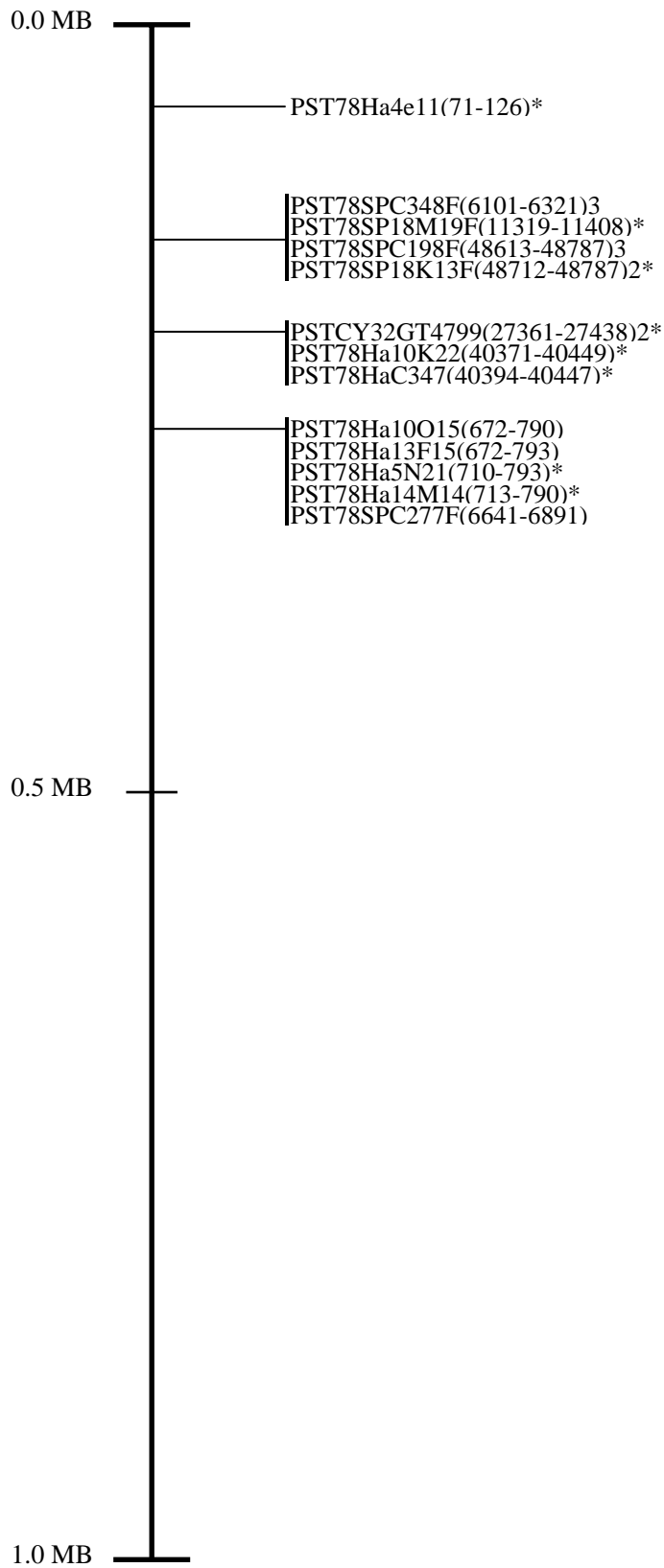
| = clones in the same contig



**Supercontig 87**  
**length: 273,404 bp**

\* = less than 100bp alignment

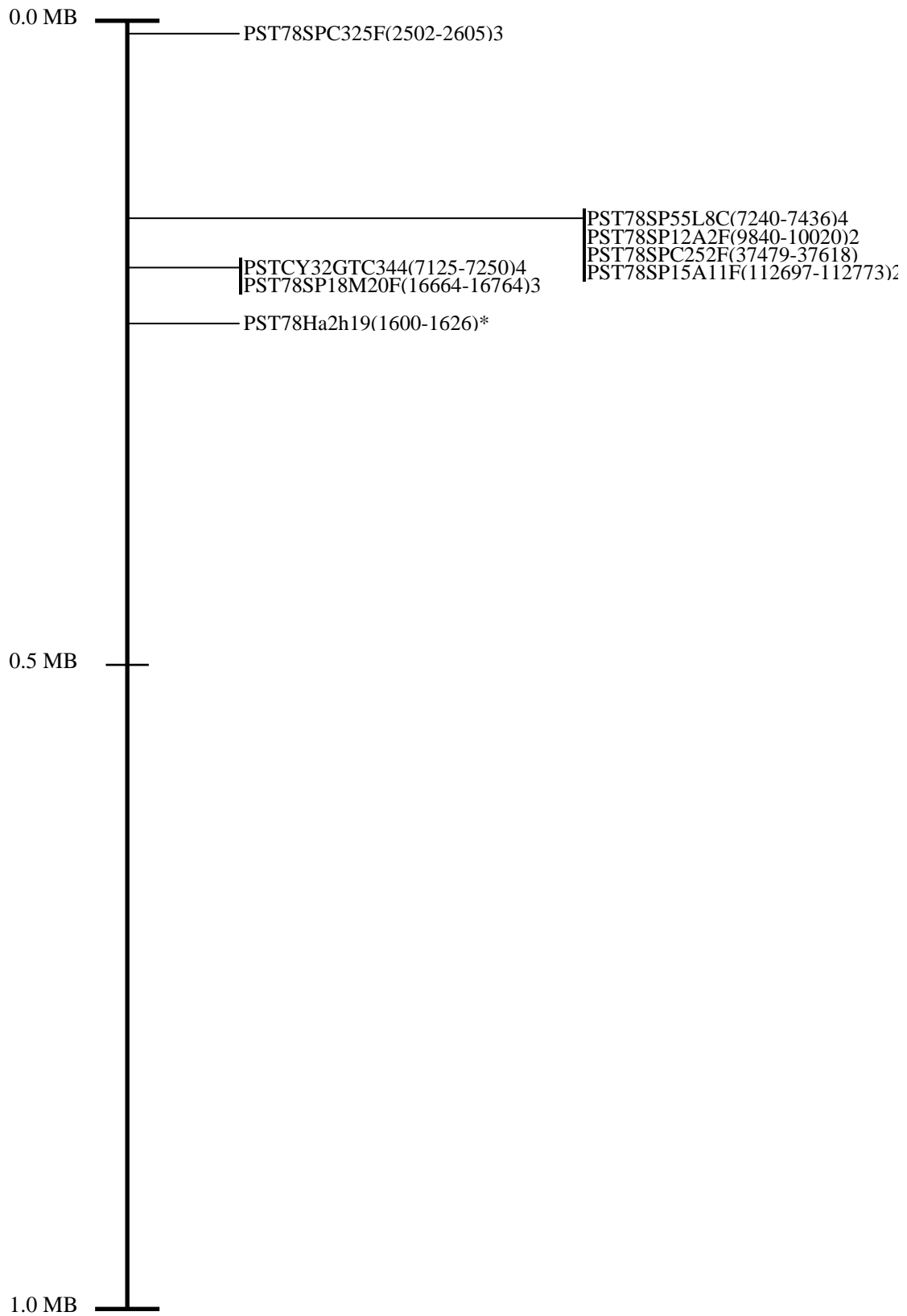
| = clones in the same contig



**Supercontig 88**  
**length: 271,488 bp**

\* = less than 100bp alignment

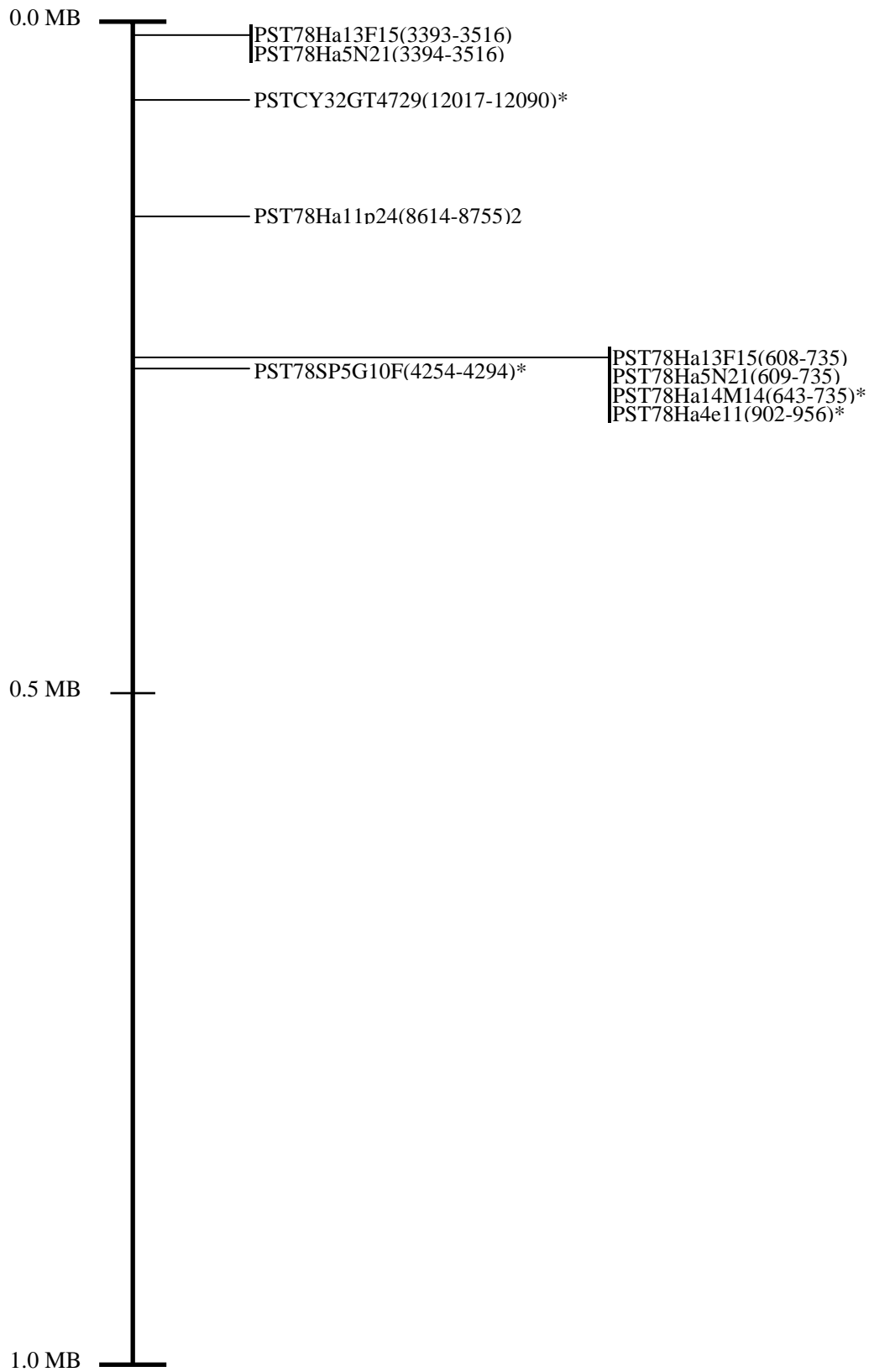
| = clones in the same contig



**Supercontig 89**  
**length: 281,218 bp**

\* = less than 100bp alignment

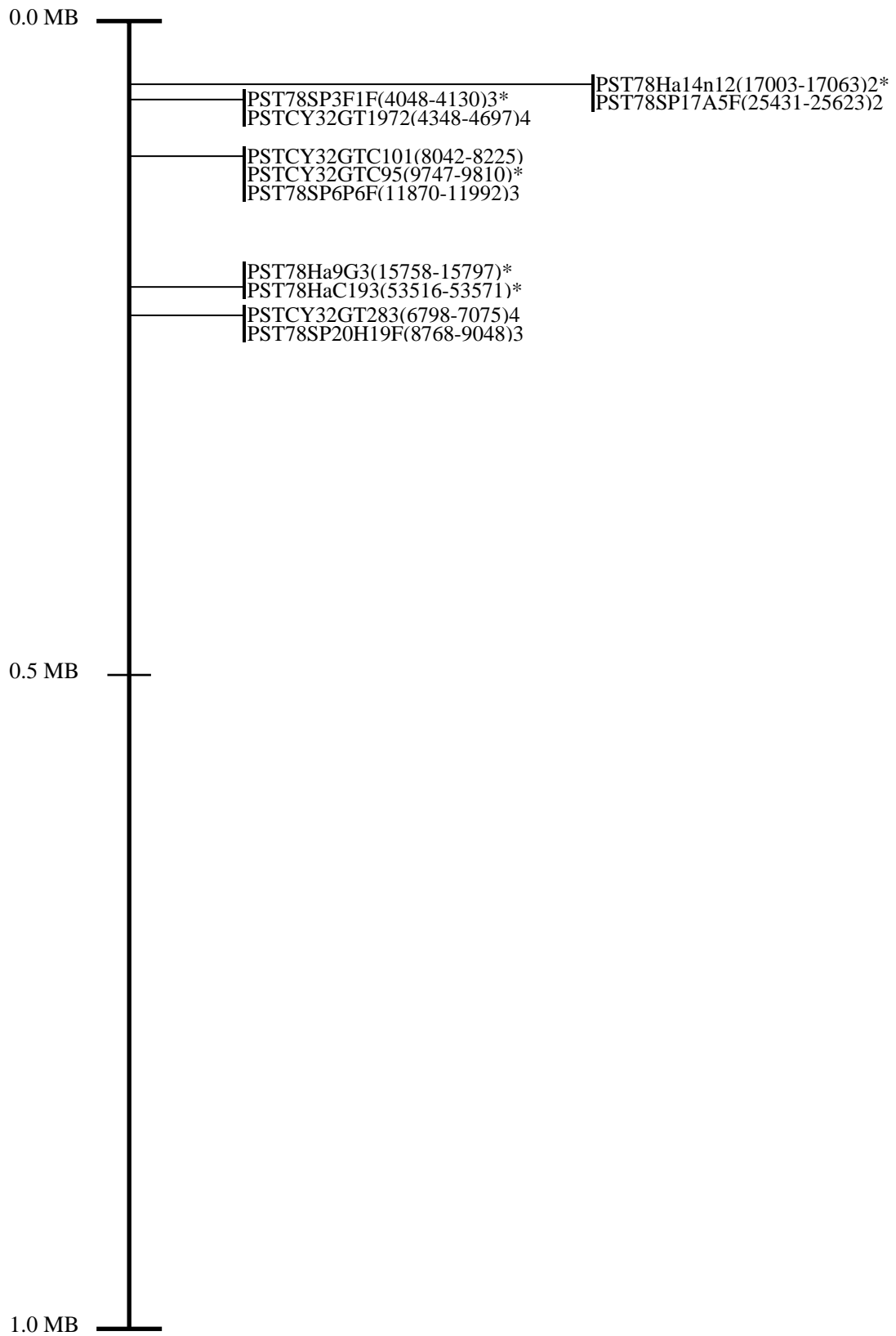
| = clones in the same contig



**Supercontig 90**  
length: 282,829 bp

\* = less than 100bp alignment

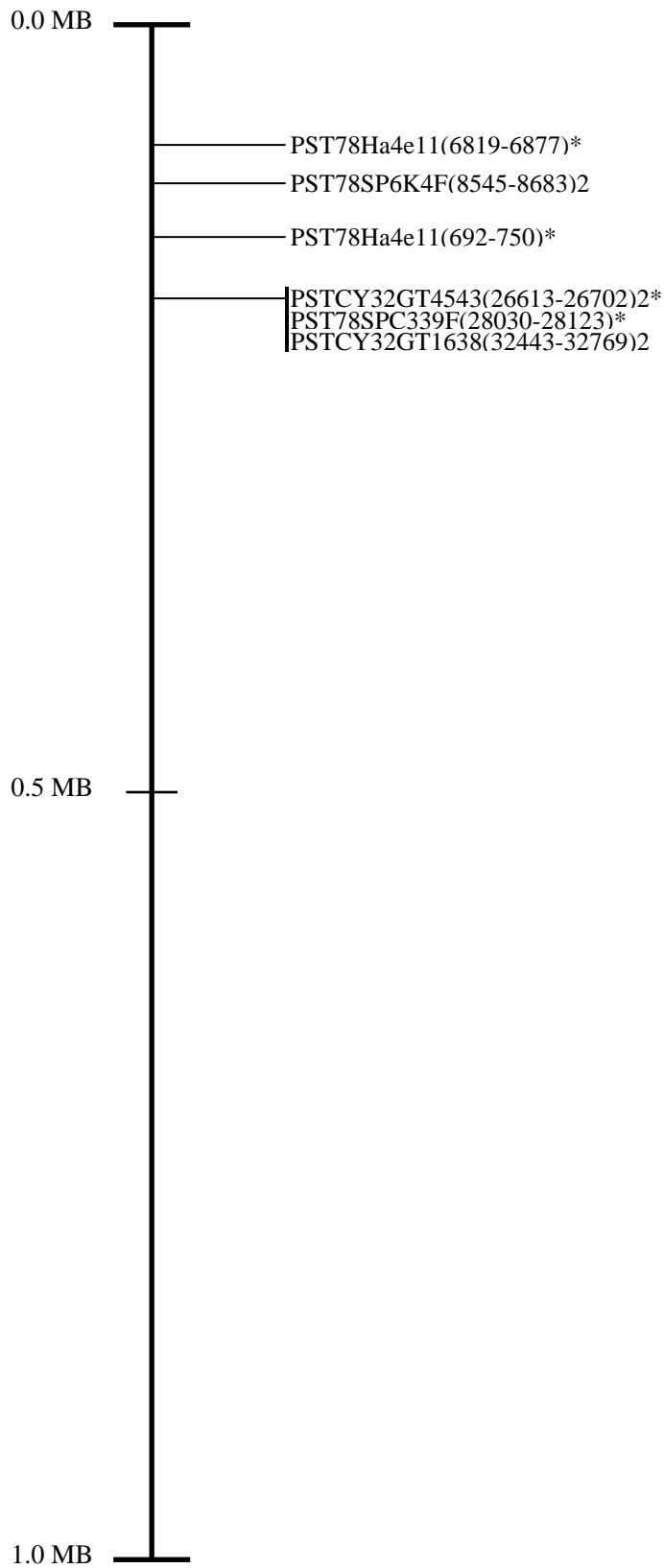
| = clones in the same contig



**Supercontig 91**  
length: 268,653 bp

\* = less than 100bp alignment

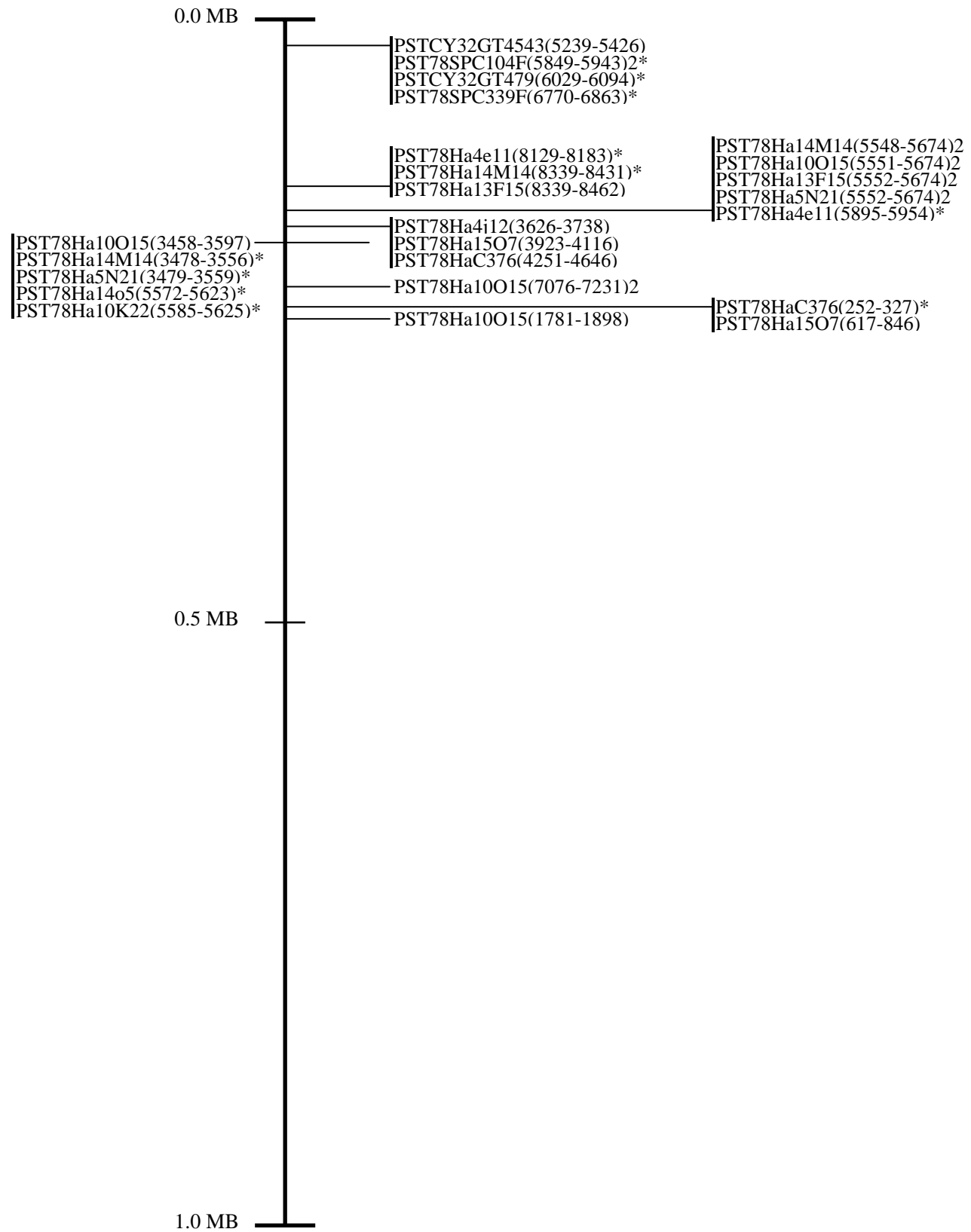
| = clones in the same contig



**Supercontig 92**  
**length: 249,303 bp**

\* = less than 100bp alignment

| = clones in the same contig

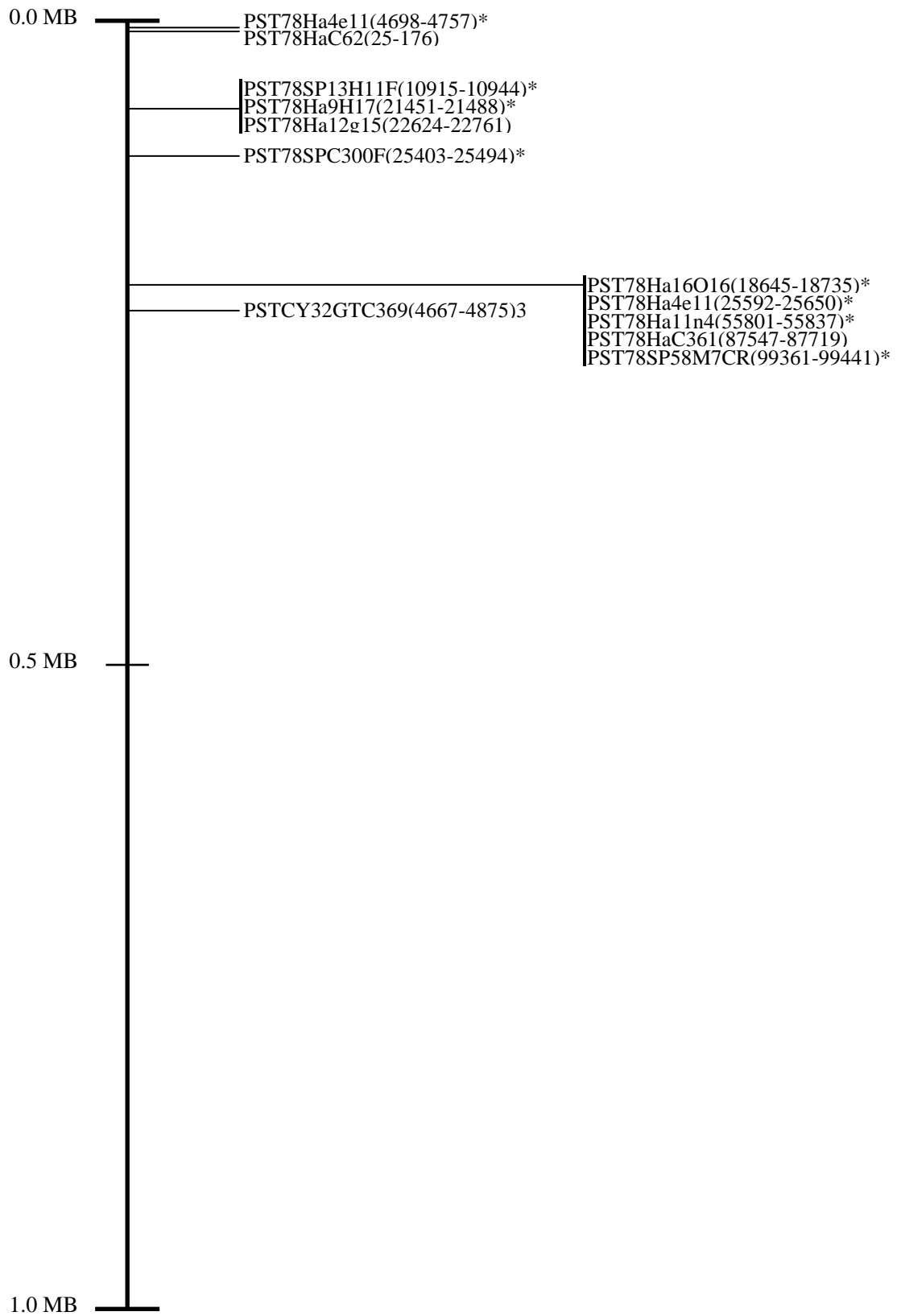


**Supercontig 93**  
**length: 254,338 bp**

\* = less than 100bp alignment

| = clones in the same contig

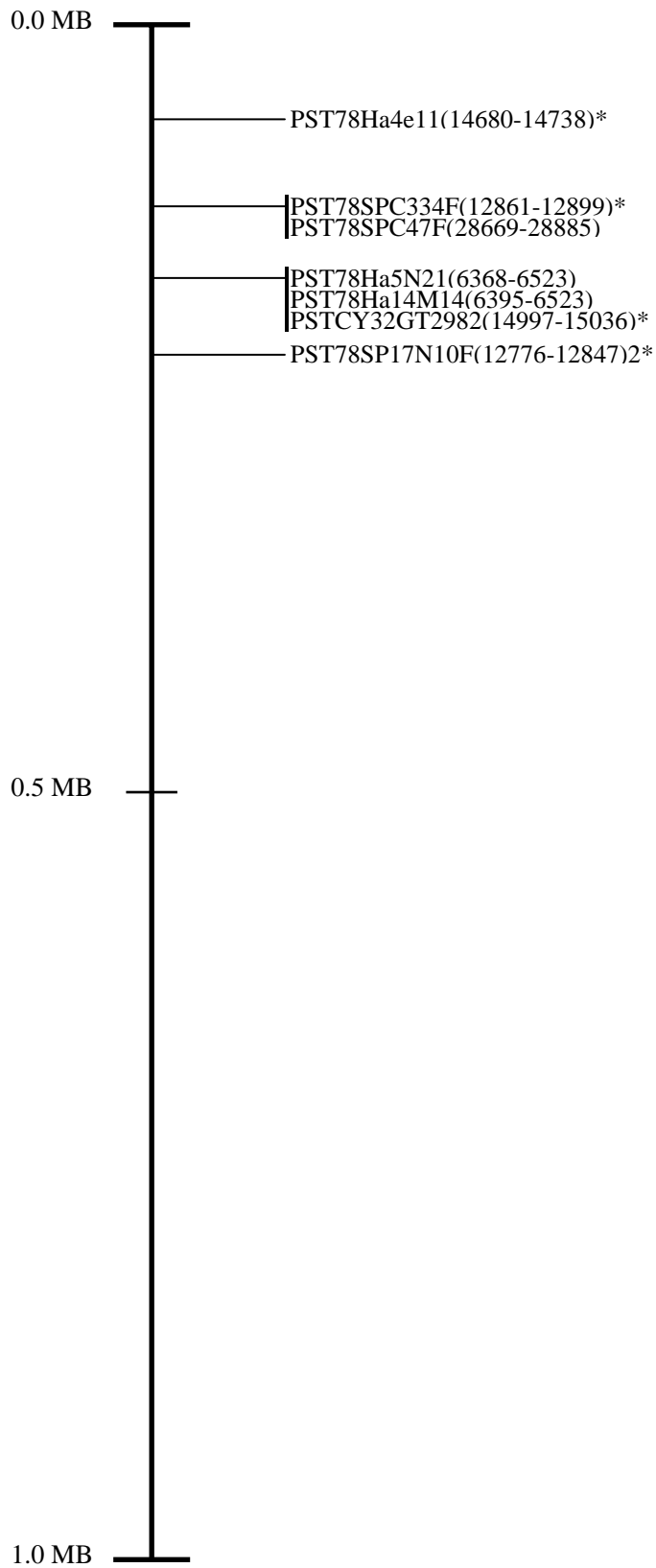




**Supercontig 94**  
length: 224,654 bp

\* = less than 100bp alignment

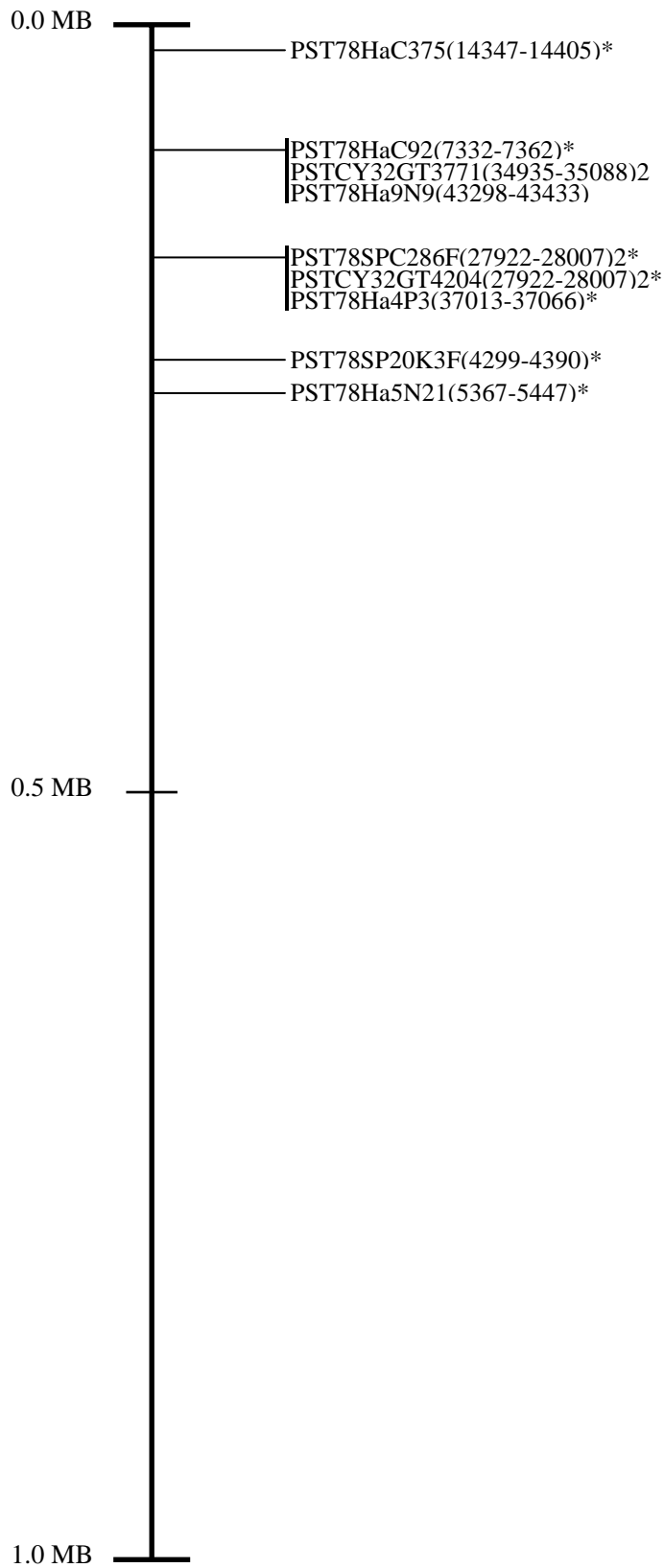
| = clones in the same contig



**Supercontig 95**  
**length: 268,031 bp**

\* = less than 100bp alignment

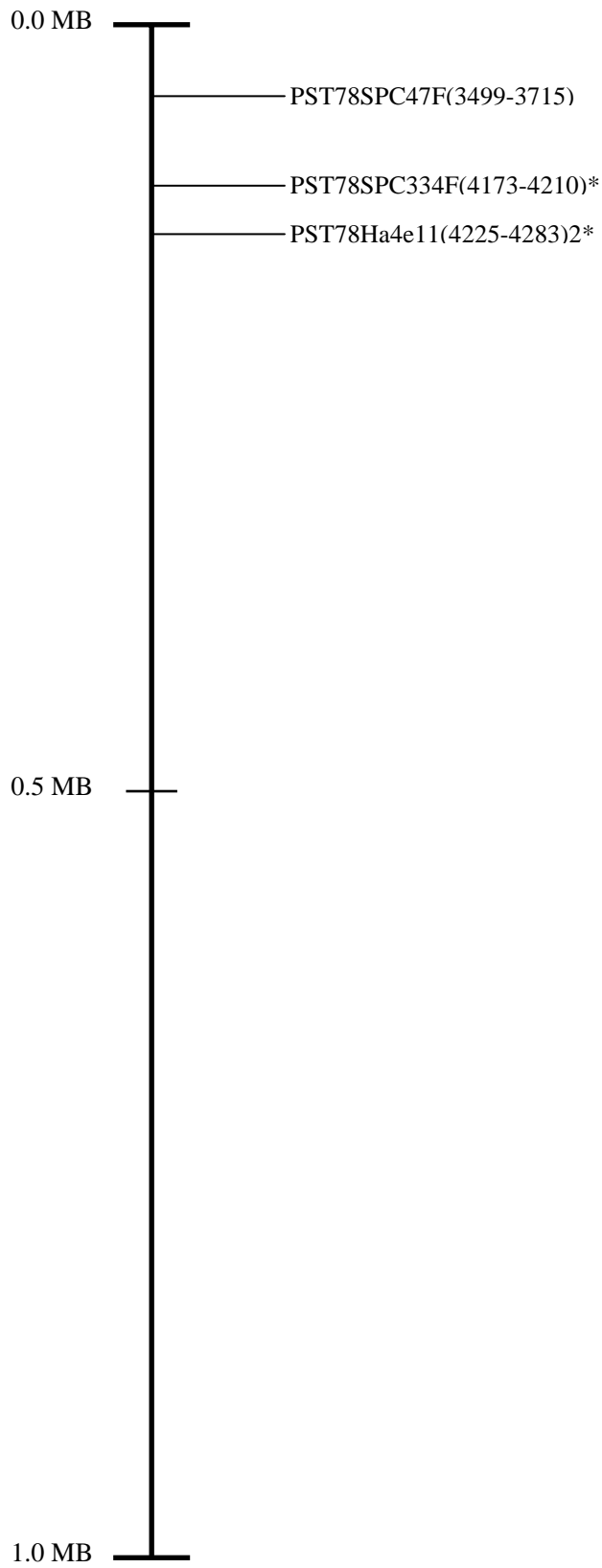
| = clones in the same contig



**Supercontig 96**  
**length: 240,035 bp**

\* = less than 100bp alignment

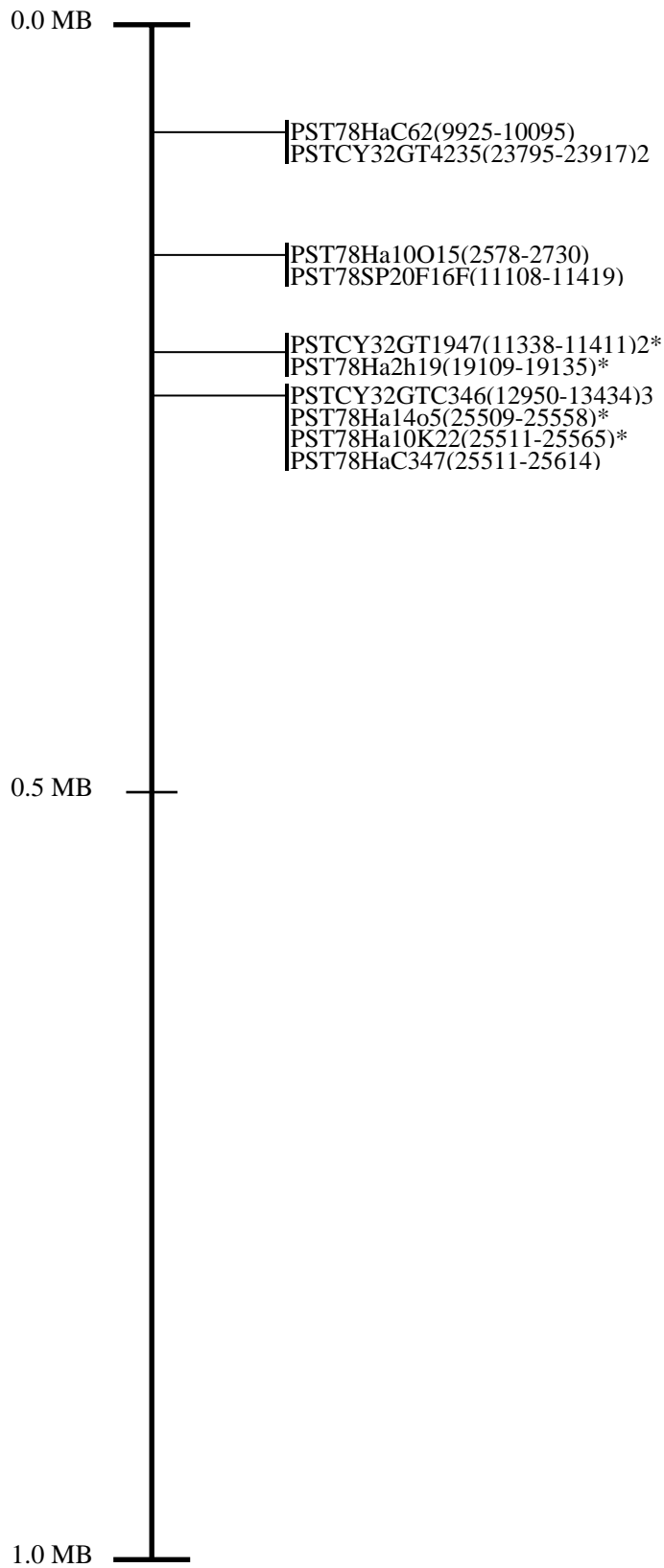
| = clones in the same contig



**Supercontig 97**  
**length: 283,953 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 98**  
length: 259,162 bp

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha4e11(5008-5066)\*

PST78Ha5A18(3337-3405)\*

PST78Ha16H20(14224-14262)\*  
PST78Ha9G3(14477-14514)\*

PST78Ha17d3(808-876)2\*

0.5 MB



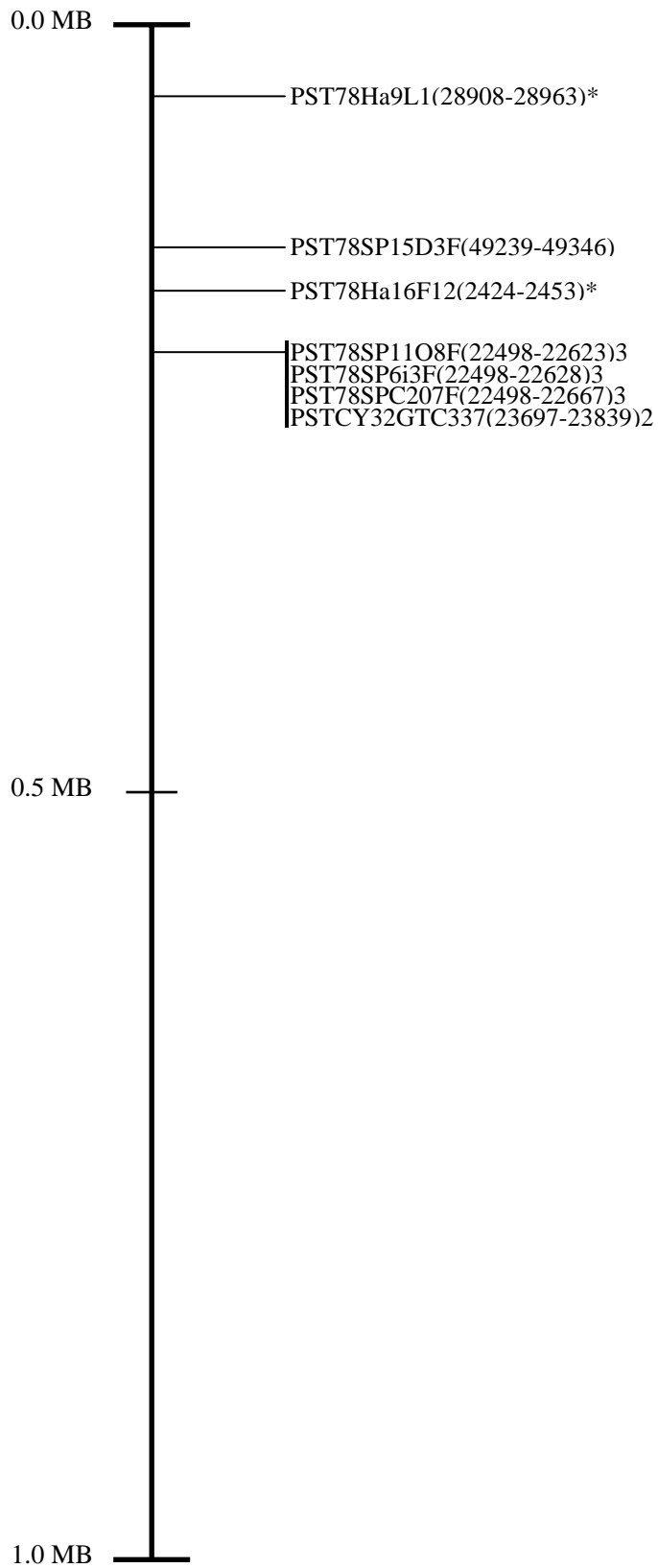
1.0 MB



**Supercontig 99**  
**length: 245,804 bp**

\* = less than 100bp alignment

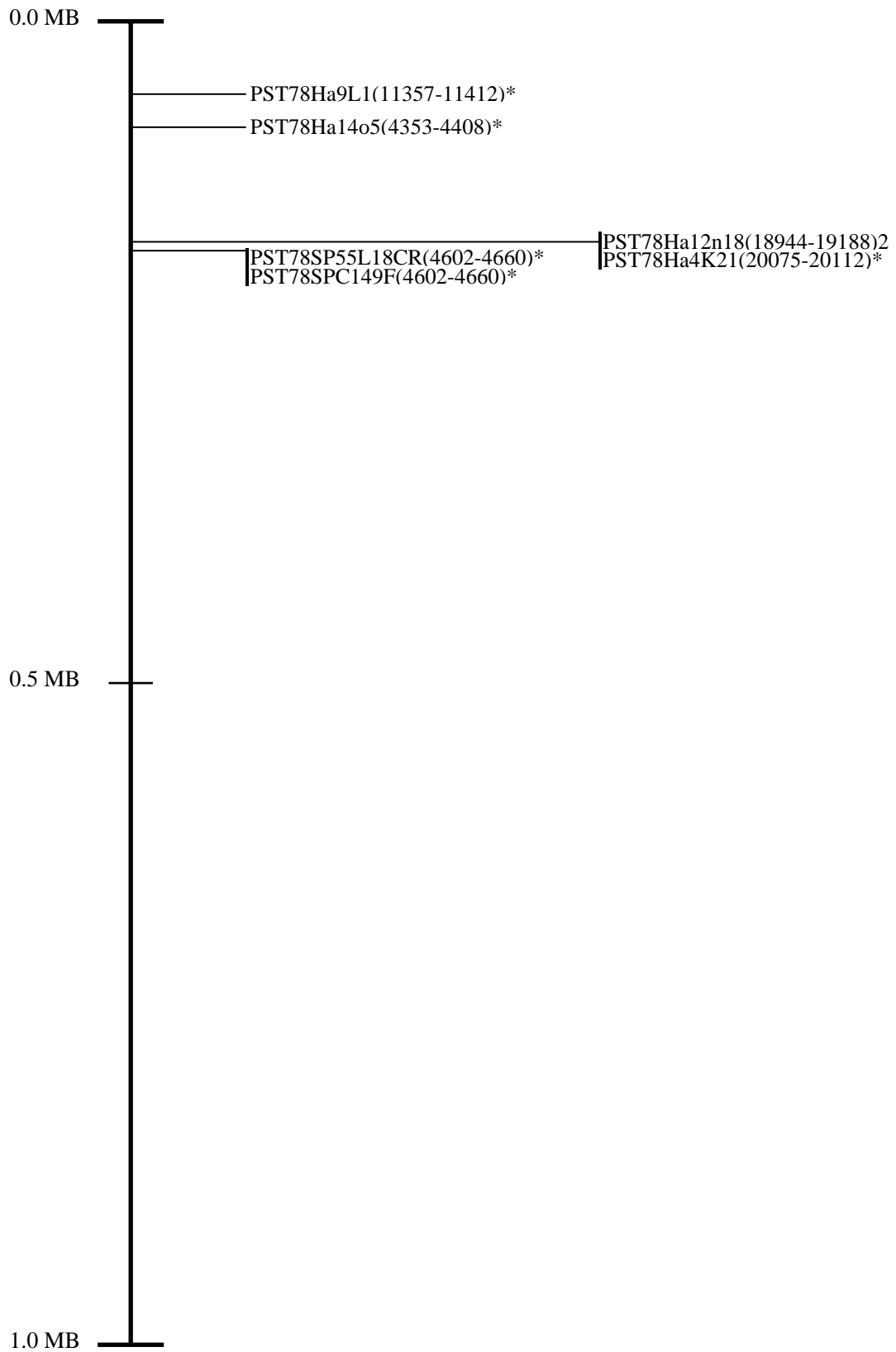
| = clones in the same contig



**Supercontig 100**  
**length: 212,873 bp**

\* = less than 100bp alignment

| = clones in the same contig

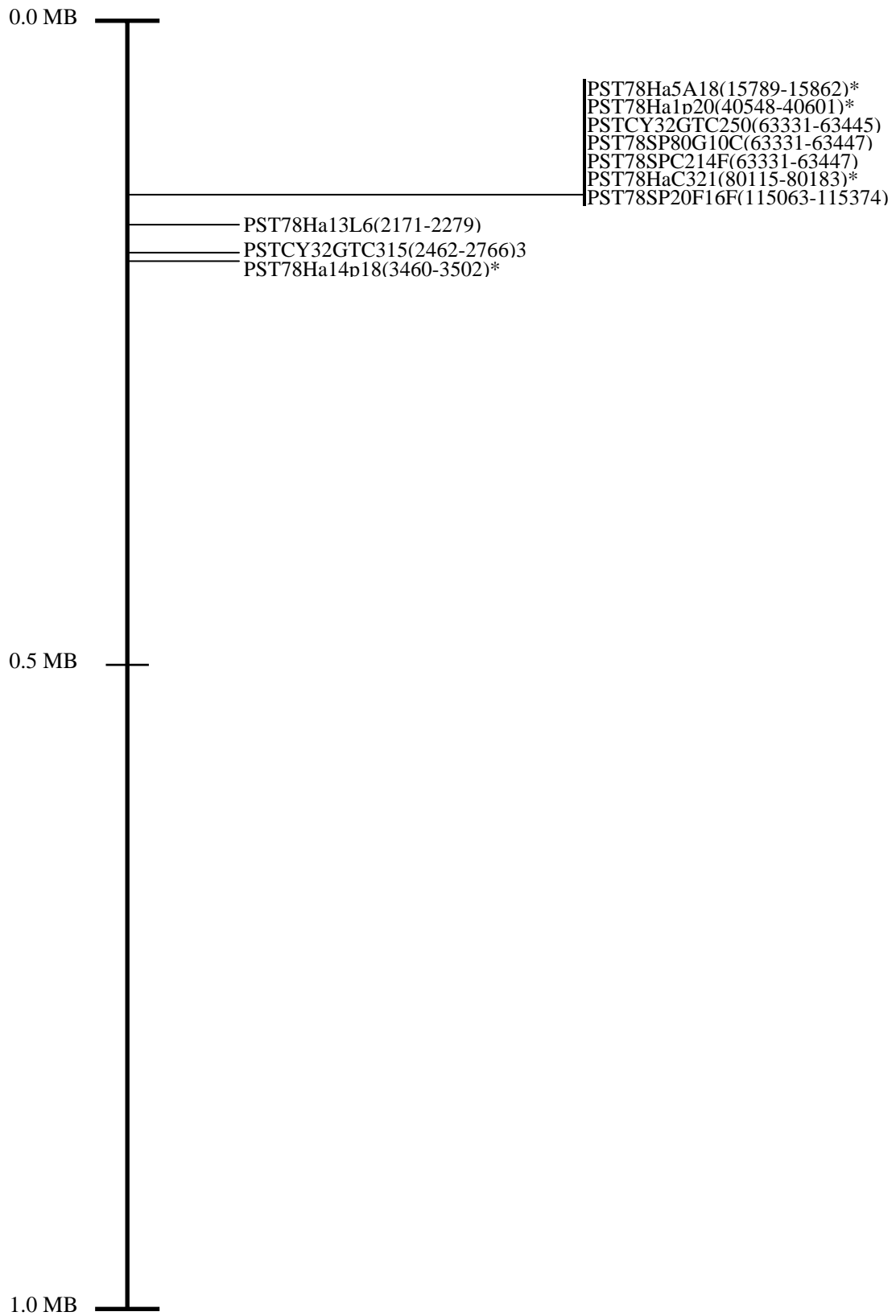


**Supercontig 101**  
**length: 249,761 bp**

\* = less than 100bp alignment

| = clones in the same contig

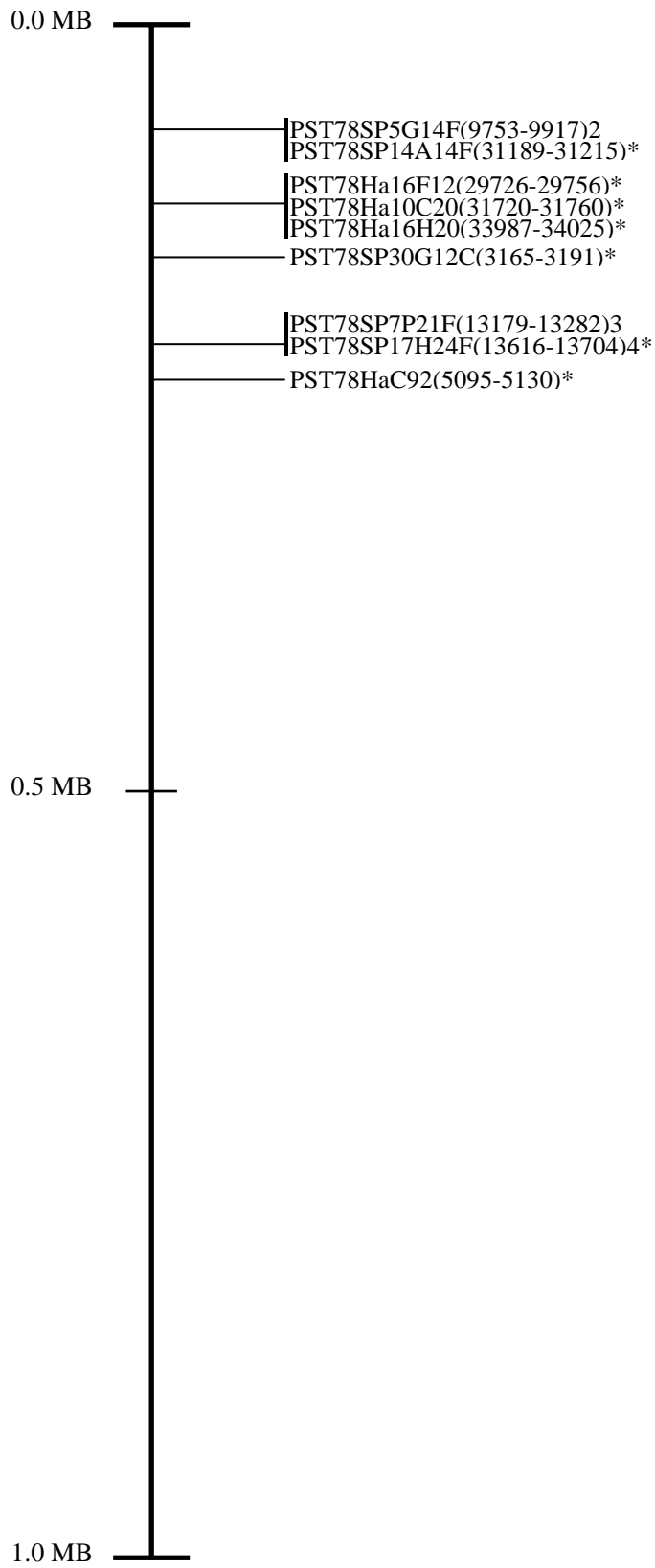




**Supercontig 102**  
**length: 224,856 bp**

\* = less than 100bp alignment

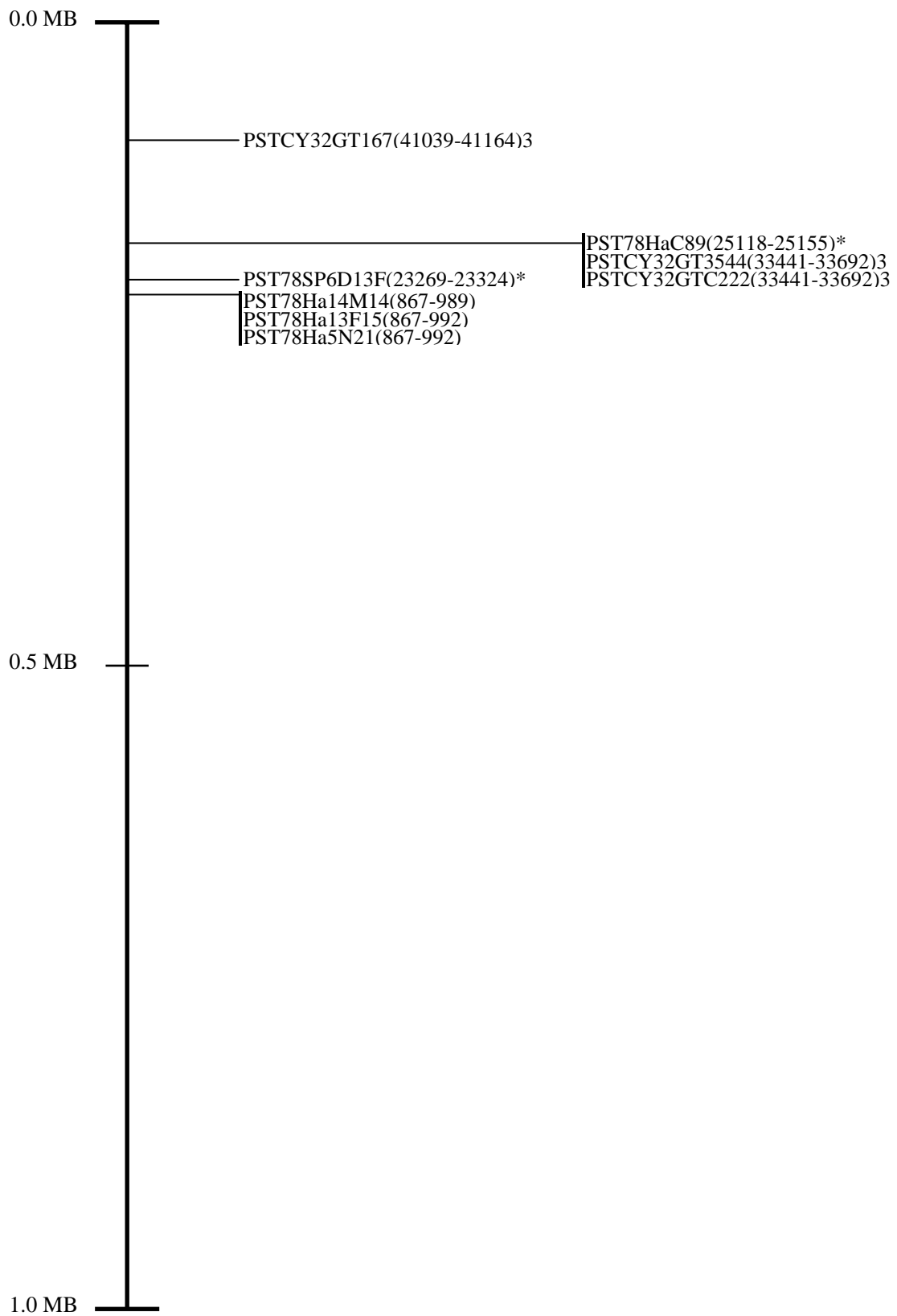
| = clones in the same contig



**Supercontig 103**  
length: 231,854 bp

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 104**  
**length: 230,218 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP18O8F(156-254)2\*

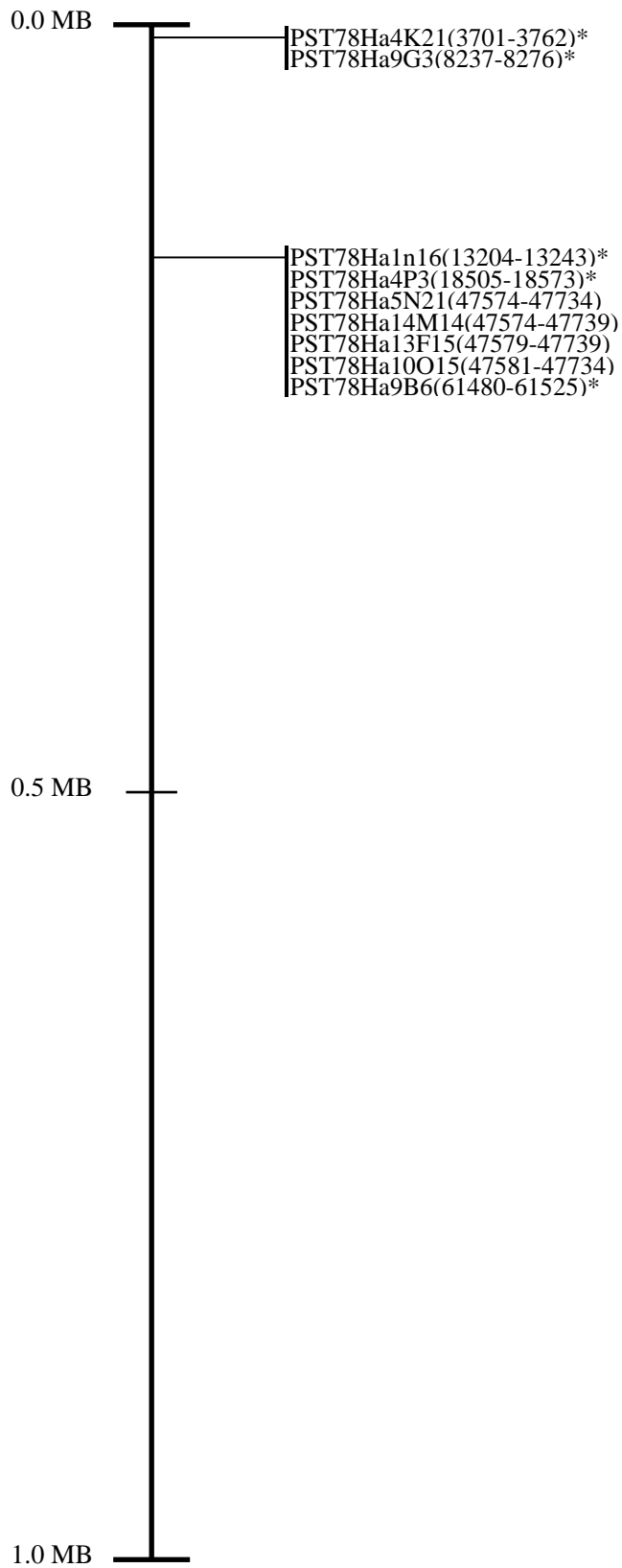
0.5 MB —

1.0 MB ———

**Supercontig 105**  
**length: 209,493 bp**

\* = less than 100bp alignment

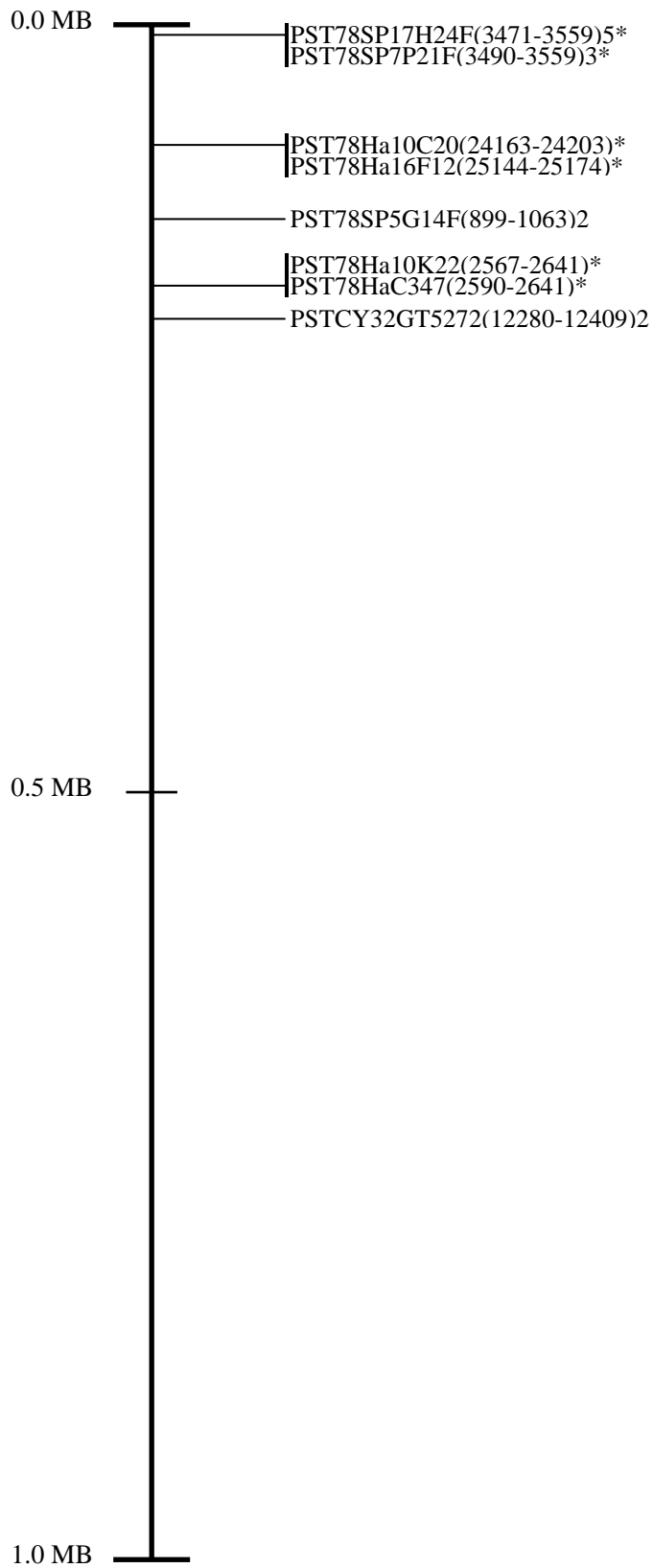
| = clones in the same contig



**Supercontig 106**  
length: 179,026 bp

\* = less than 100bp alignment

| = clones in the same contig

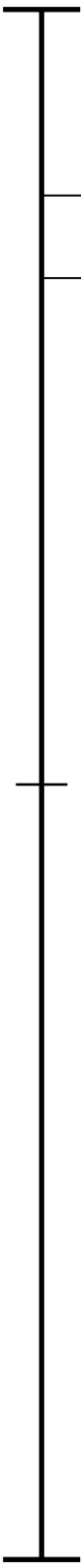


**Supercontig 107**  
**length: 191,896 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha12h10(7953-7992)\*

PST78Ha9N9(25074-25216)2  
PST78Ha9N22(25074-25259)

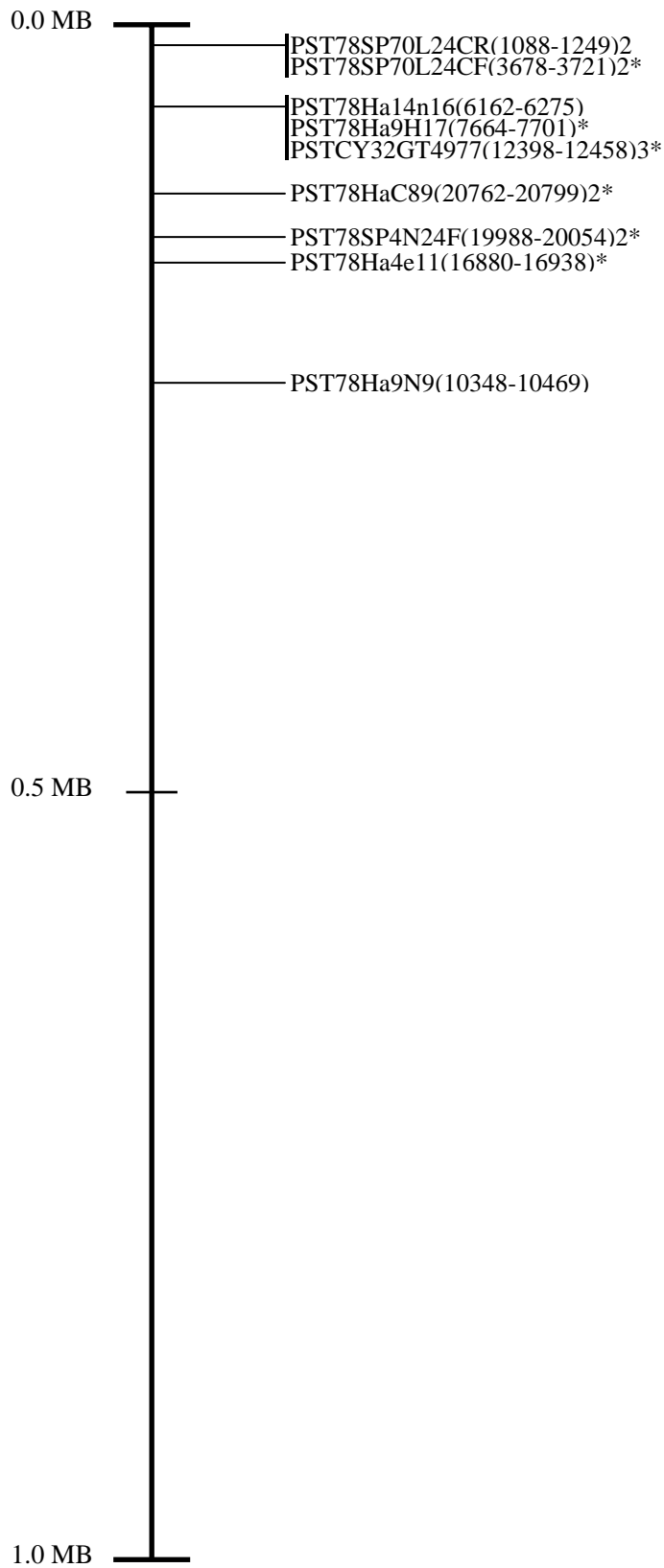
0.5 MB

1.0 MB

**Supercontig 108**  
**length: 172,930 bp**

\* = less than 100bp alignment

| = clones in the same contig

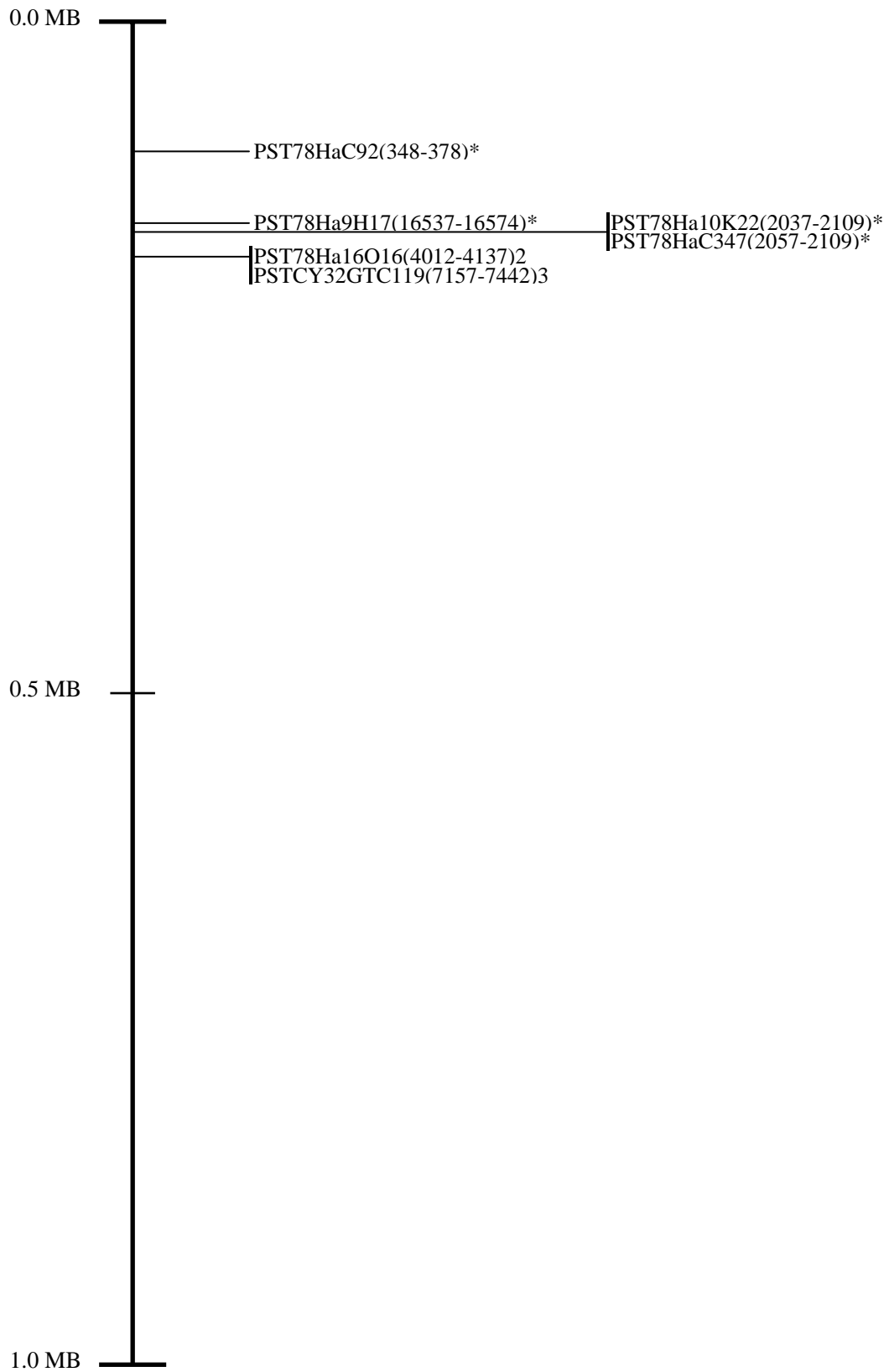


**Supercontig 109**  
length: 232,811 bp

\* = less than 100bp alignment

| = clones in the same contig

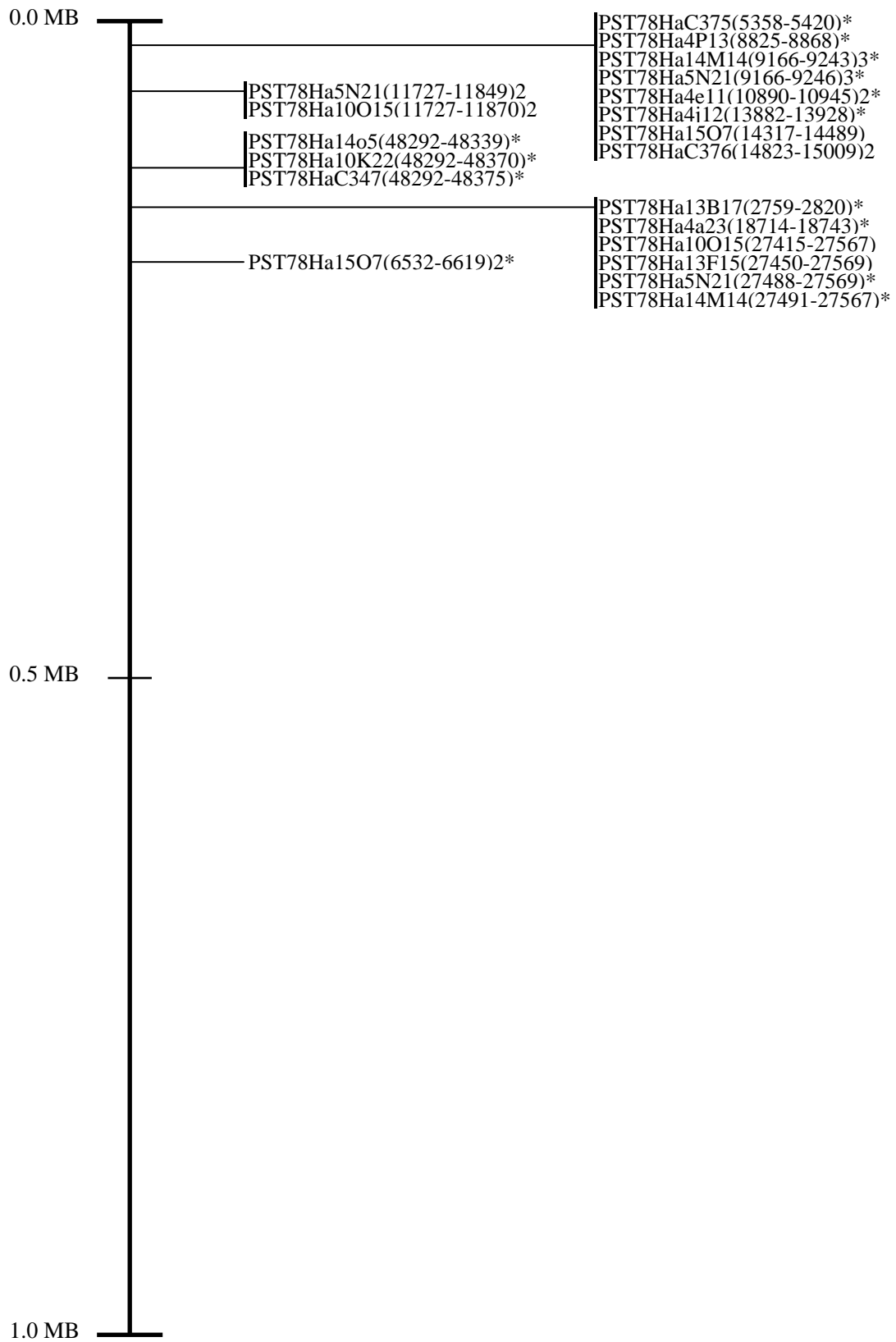




**Supercontig 110**  
**length: 174,613 bp**

\* = less than 100bp alignment

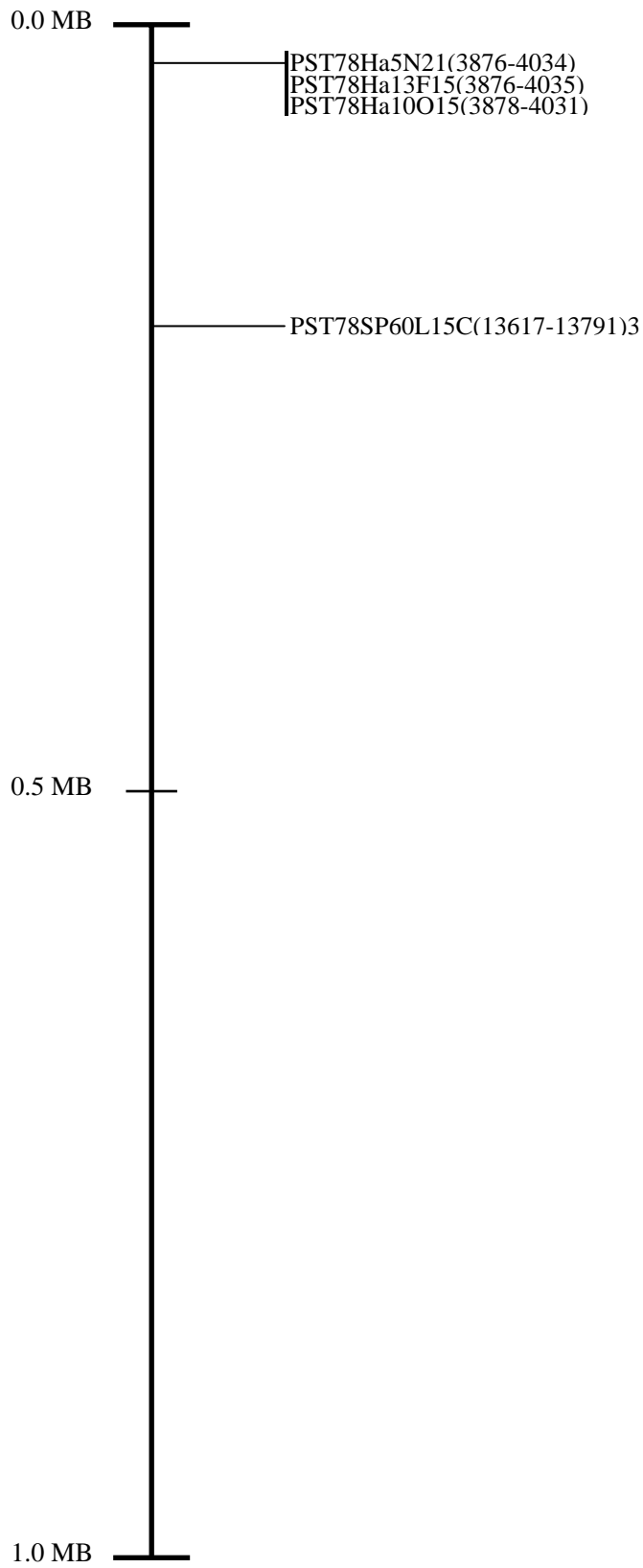
| = clones in the same contig



**Supercontig 111**  
**length: 183,422 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 112**  
**length: 205,437 bp**

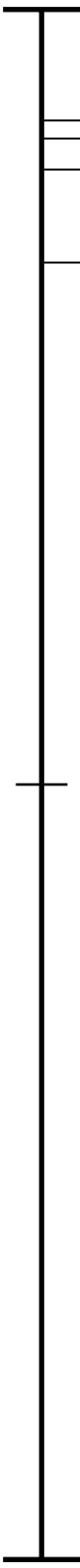
\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB



PSTCY32GTC151(14438-14510)2<sup>‡</sup>

PST78Ha17d3(5376-5402)\*

PST78HaC376(3654-3748)\*

PST78Ha15O7(4525-4621)2\*

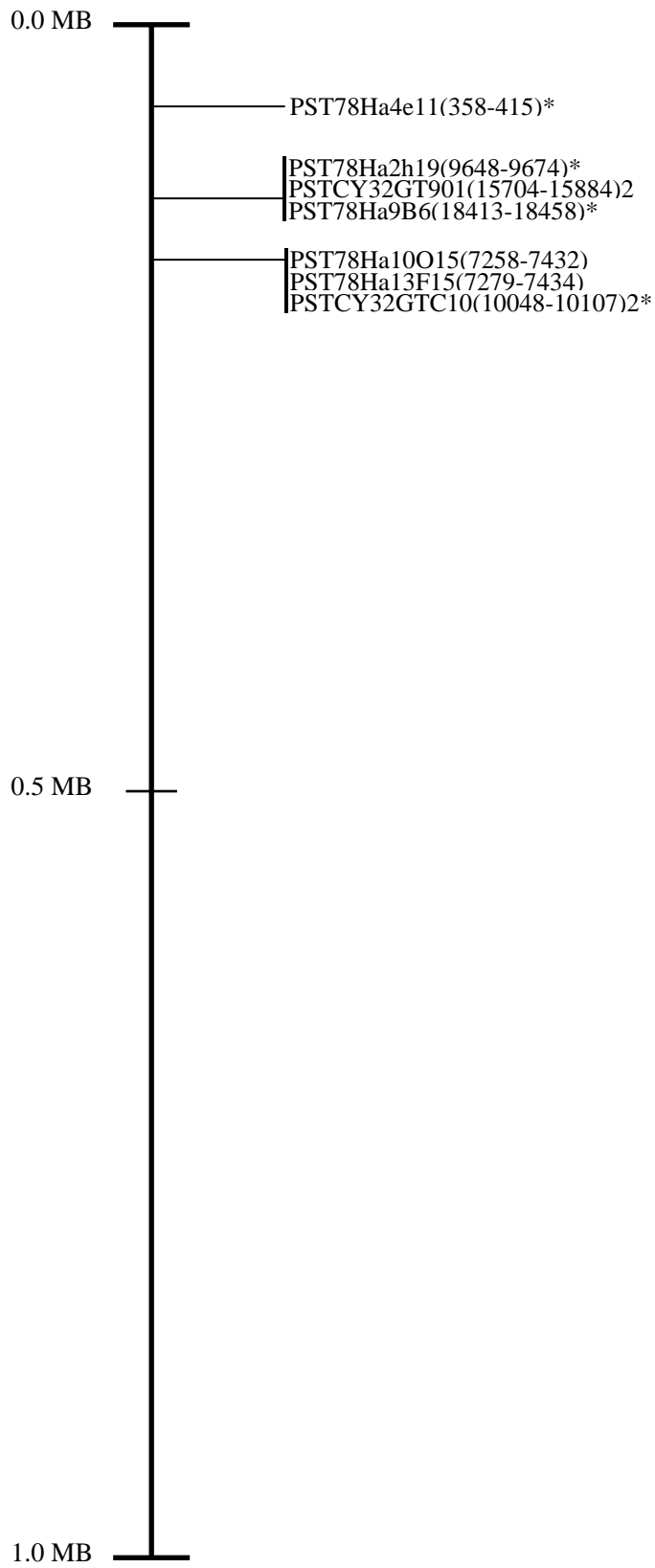
PST78Ha15O7(457-571)

PST78Ha13F15(60088-60213)

**Supercontig 113**  
**length: 163,692 bp**

\* = less than 100bp alignment

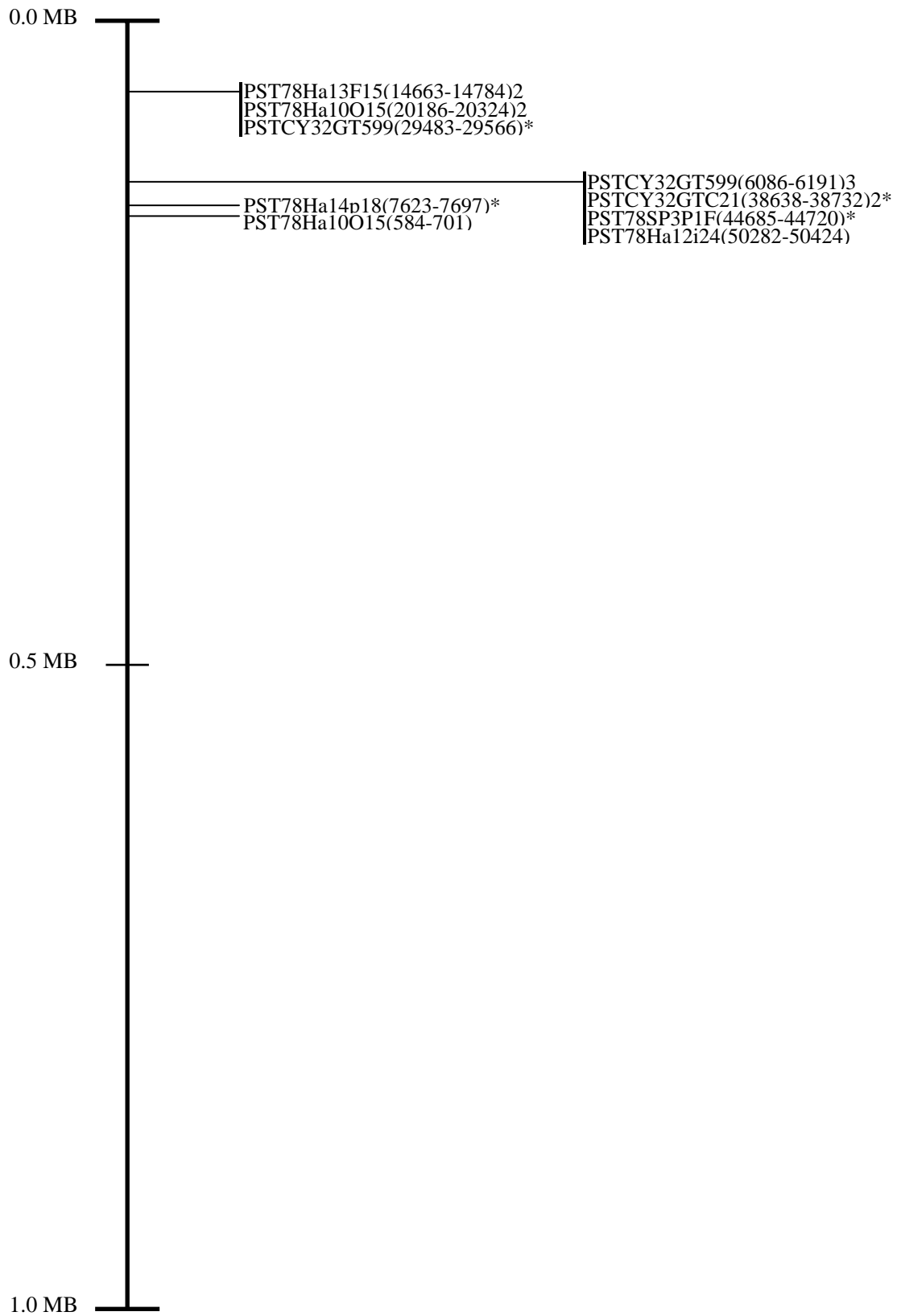
‡ = clones in the same contig



Supercontig 114  
length: 173,085 bp

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 115**  
**length: 158,618 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

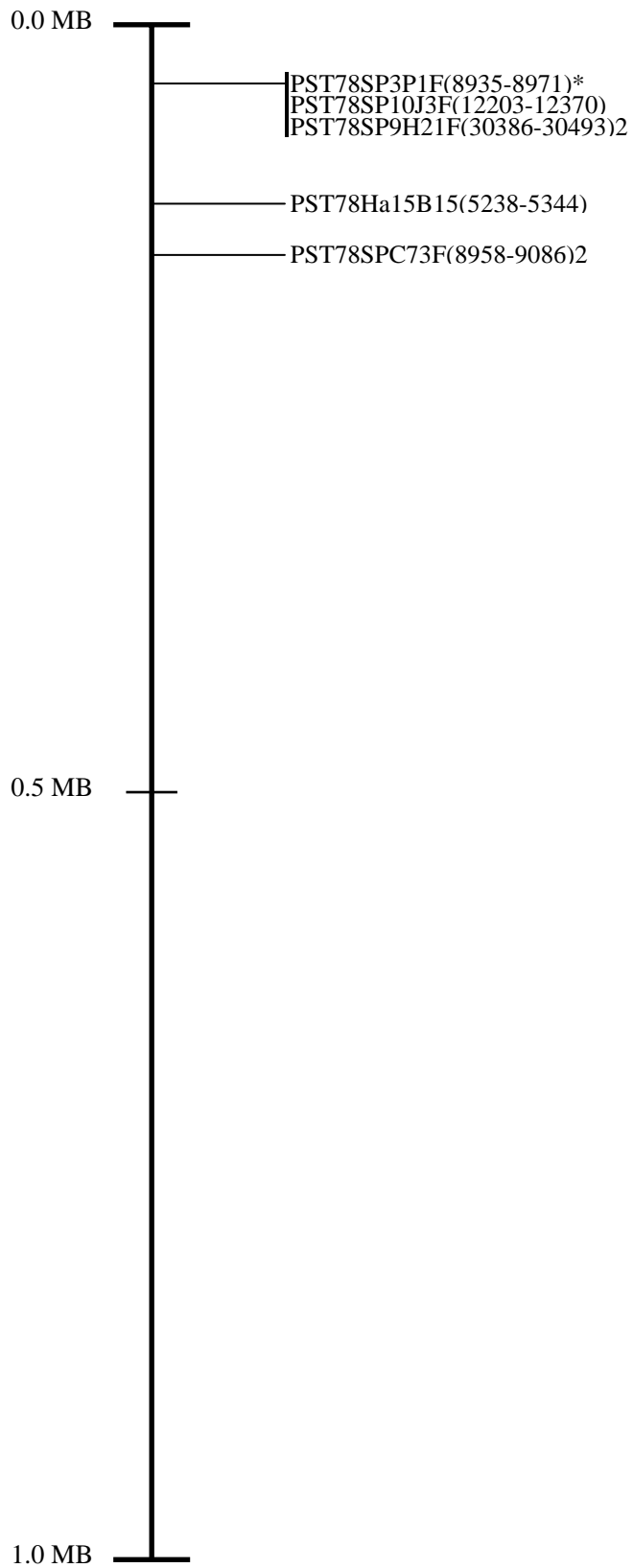
1.0 MB

| PSTCY32GT5271(9353-9466)2  
| PST78SPC171F(22719-22838)2

**Supercontig 116**  
**length: 160,911 bp**

\* = less than 100bp alignment

| = clones in the same contig

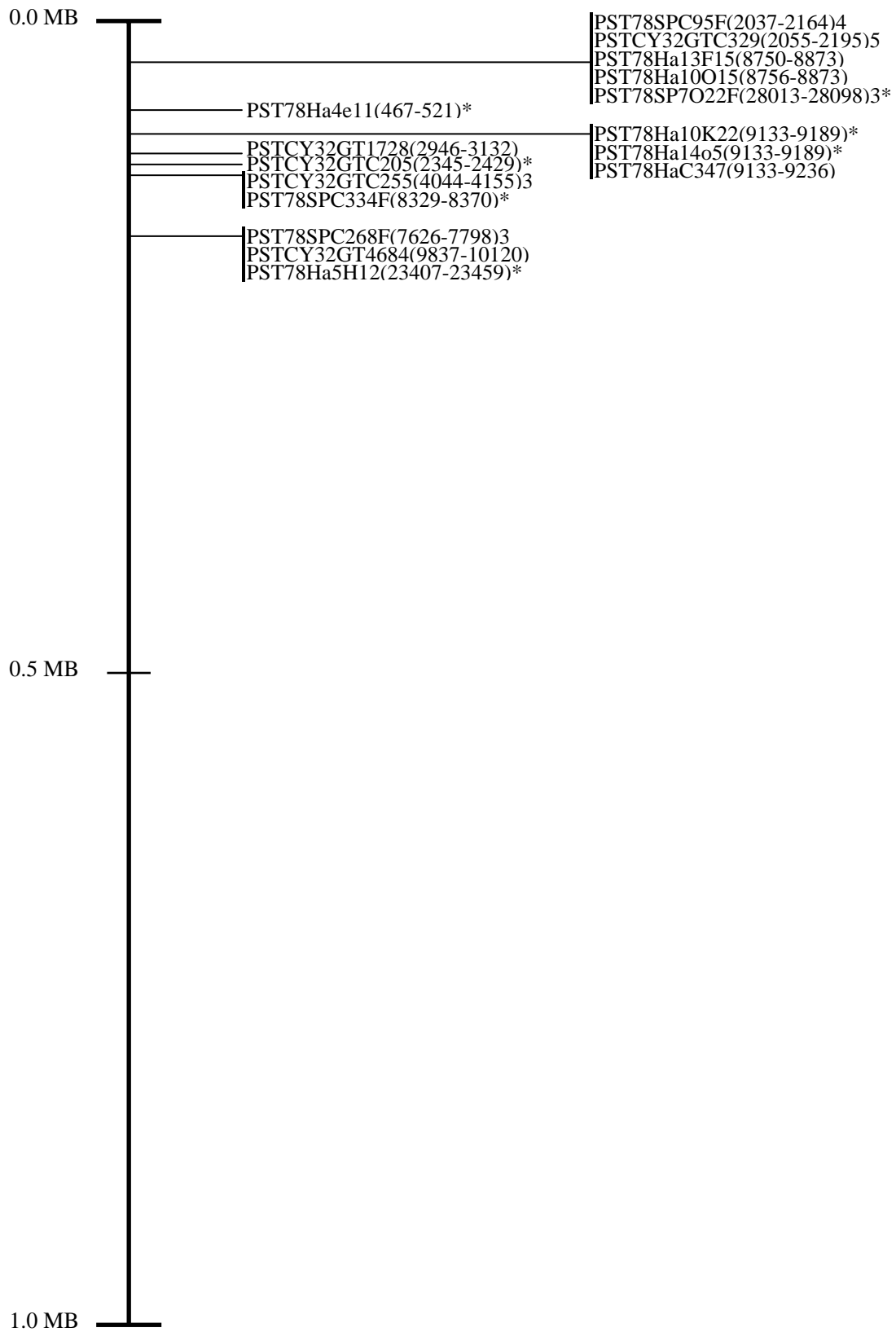


**Supercontig 117**  
**length: 159,147 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 118**  
**length: 164,903 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha2h19(14074-14100)\*

PST78Ha14i17(114-148)\*

PST78Ha13F15(12513-12636)2  
PST78Ha5N21(12514-12636)2  
PST78Ha14M14(12517-12636)2

0.5 MB



1.0 MB



**Supercontig 119**  
**length: 180,073 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha5E18(411-443)2\*

0.5 MB



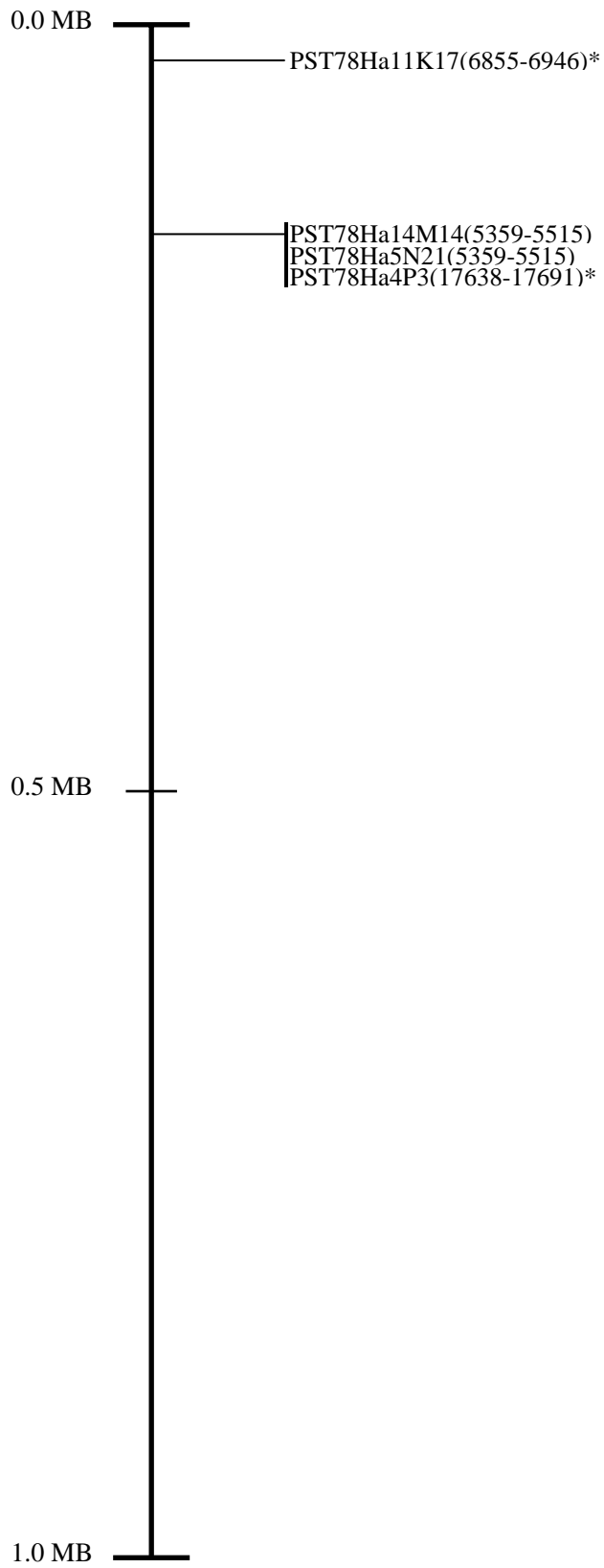
1.0 MB



**Supercontig 120**  
**length: 132,002 bp**

\* = less than 100bp alignment

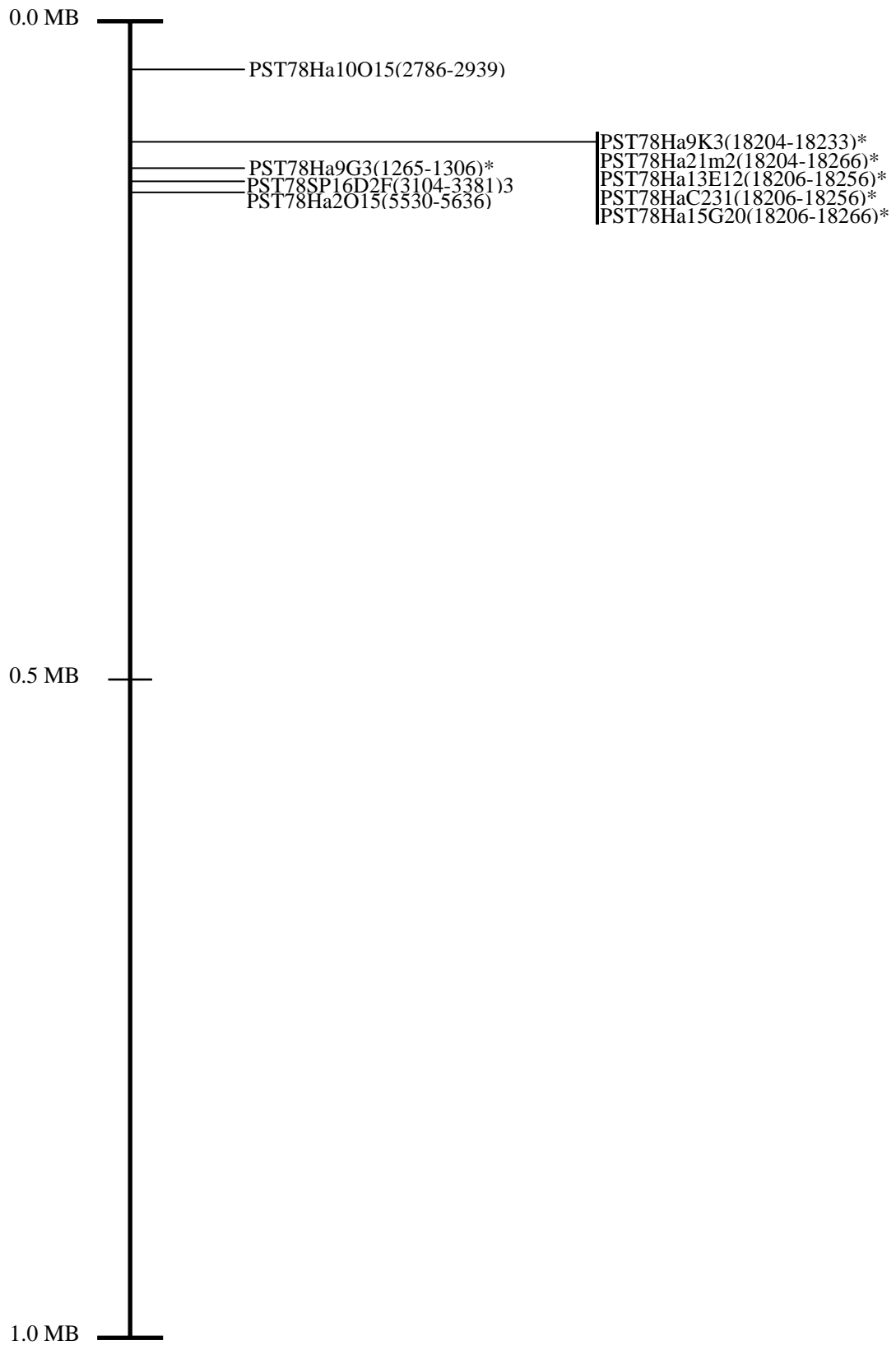
| = clones in the same contig



**Supercontig 121**  
**length: 136,681 bp**

\* = less than 100bp alignment

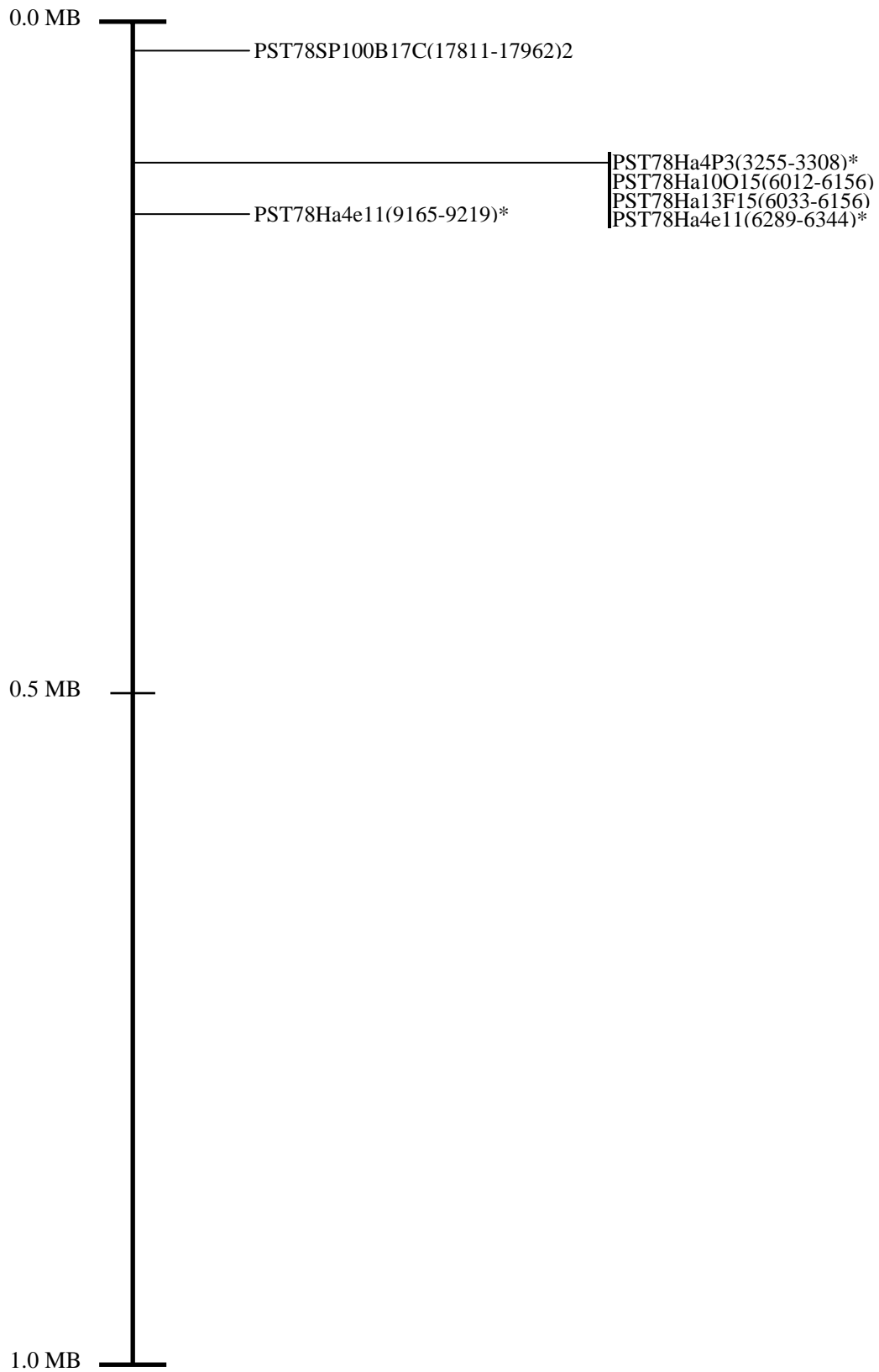
| = clones in the same contig



**Supercontig 122**  
**length: 141,975 bp**

\* = less than 100bp alignment

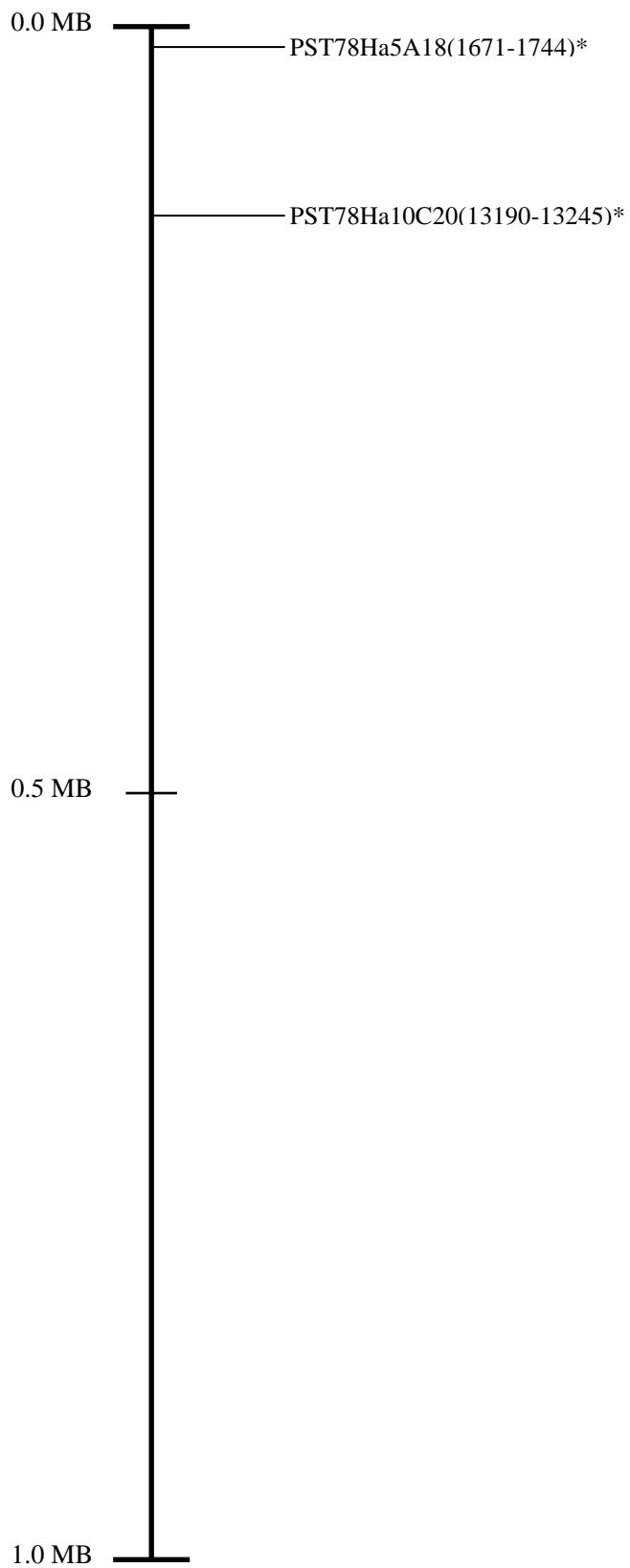
| = clones in the same contig



**Supercontig 123**  
**length: 142,526 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 124**  
**length: 122,507 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78SP12o16F(78533-78582)\*

0.5 MB



1.0 MB

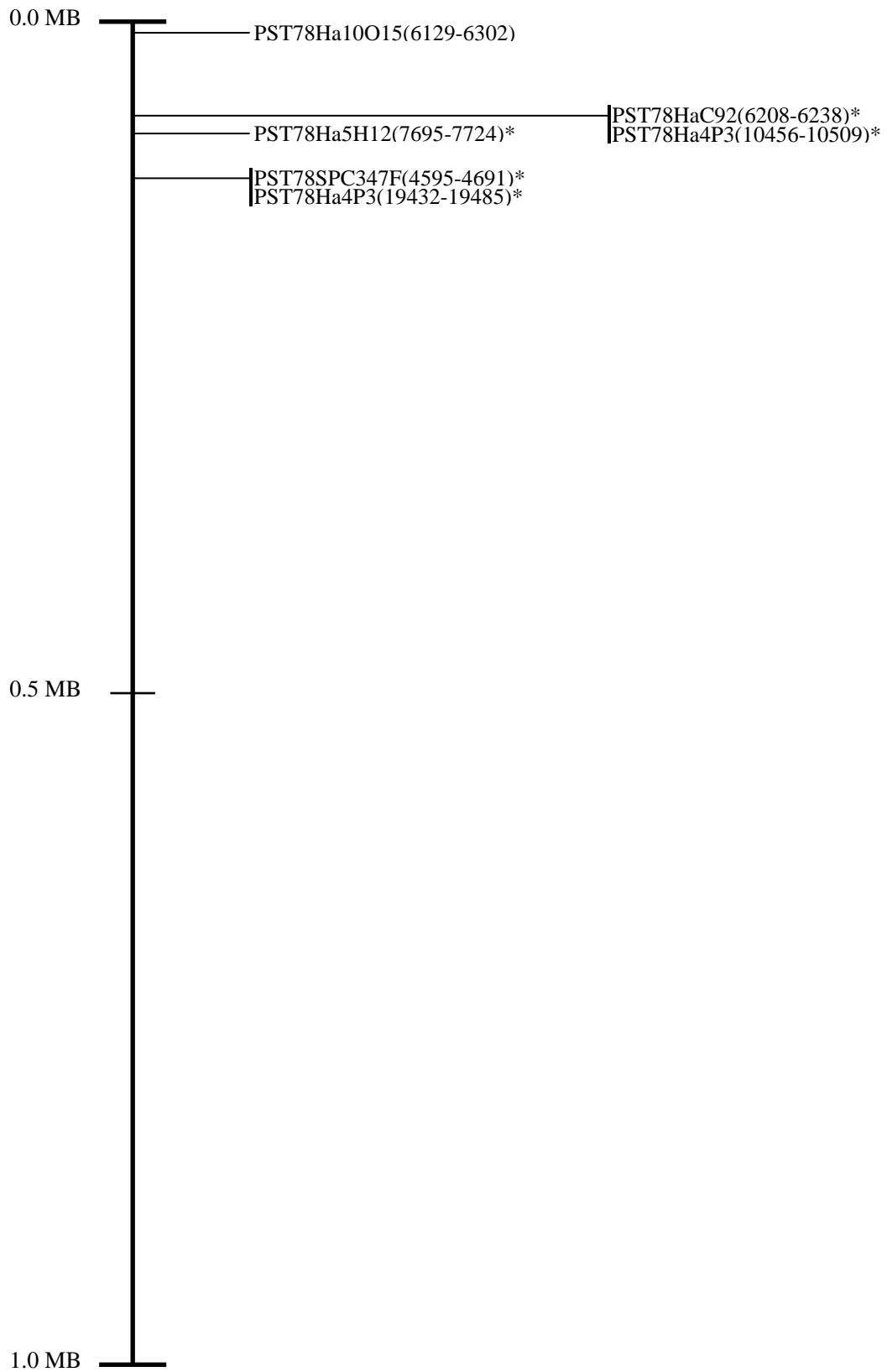


**Supercontig 125**  
**length: 141,384 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 126**  
**length: 132,883 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB

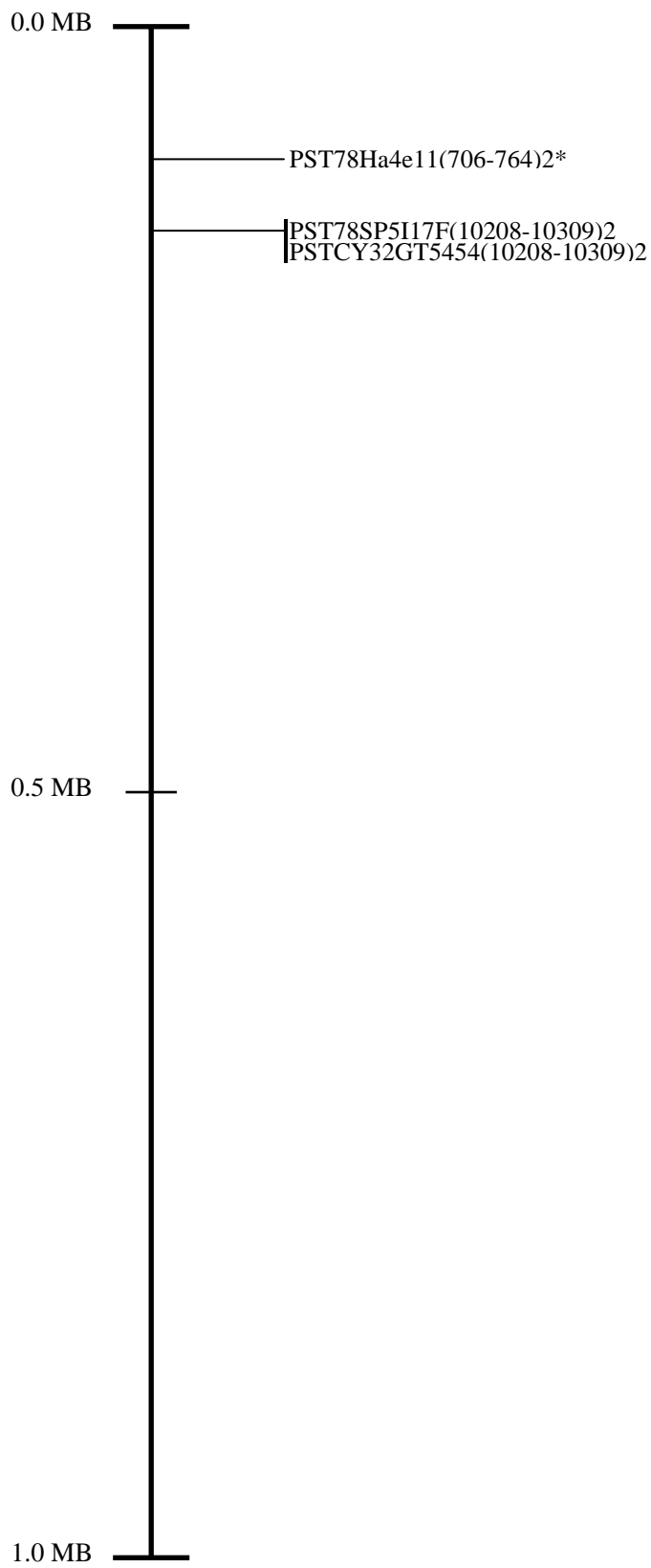
PST78Ha4e11(1830-1888)\*

PST78Ha13F15(5748-5867)  
PST78Ha14M14(5748-5867)  
PST78Ha5N21(5748-5867)

**Supercontig 127**  
**length: 158,529 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 128**  
**length: 133,434 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———  
PST78Ha4e11(30903-30957)\*

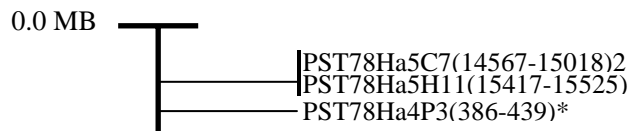
0.5 MB ———

1.0 MB ———

**Supercontig 129**  
**length: 156,670 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 130**  
**length: 127,762 bp**

\* = less than 100bp alignment

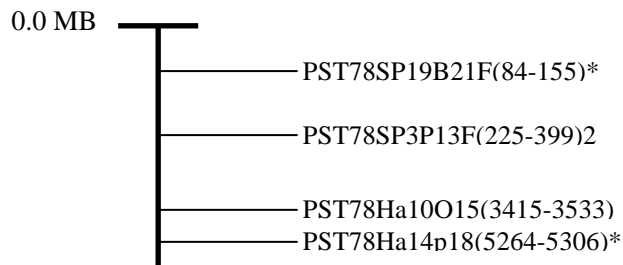
| = clones in the same contig



**Supercontig 131**  
**length: 114,788 bp**

\* = less than 100bp alignment

| = clones in the same contig



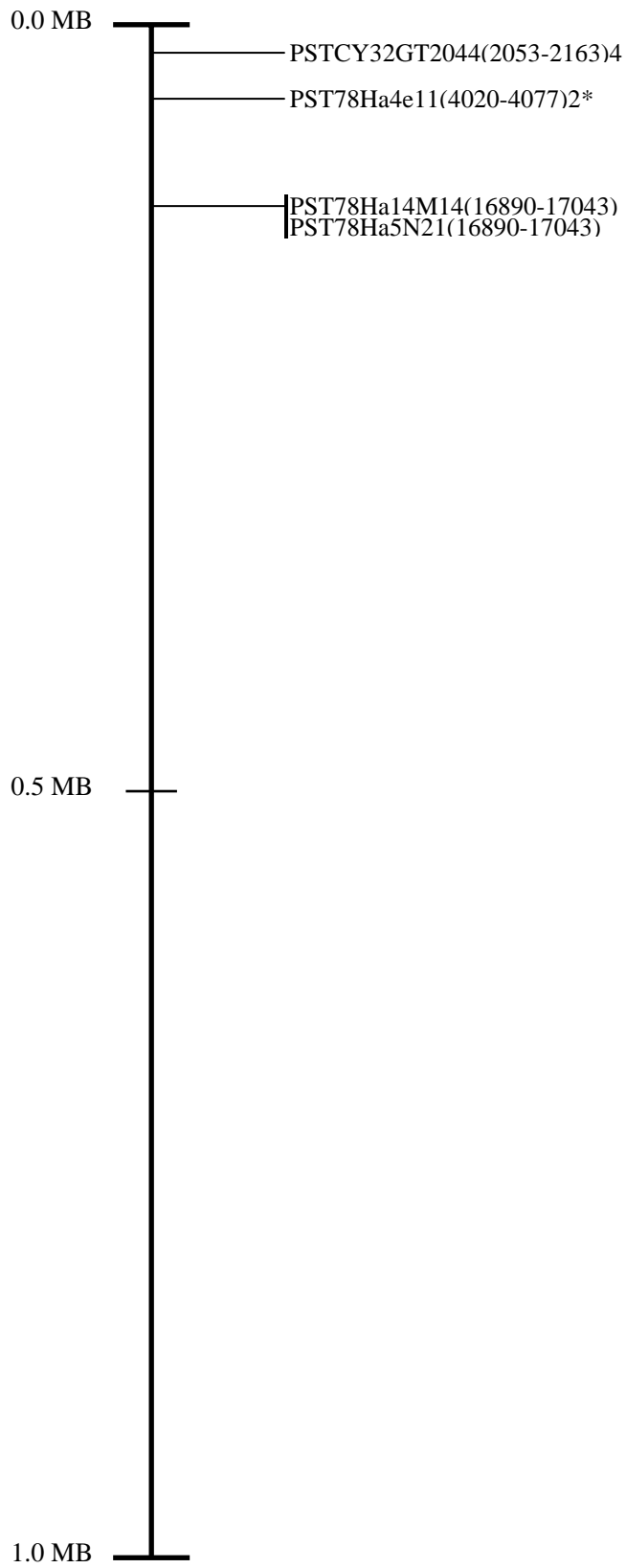
0.5 MB

1.0 MB

**Supercontig 132**  
**length: 135,433 bp**

\* = less than 100bp alignment

| = clones in the same contig

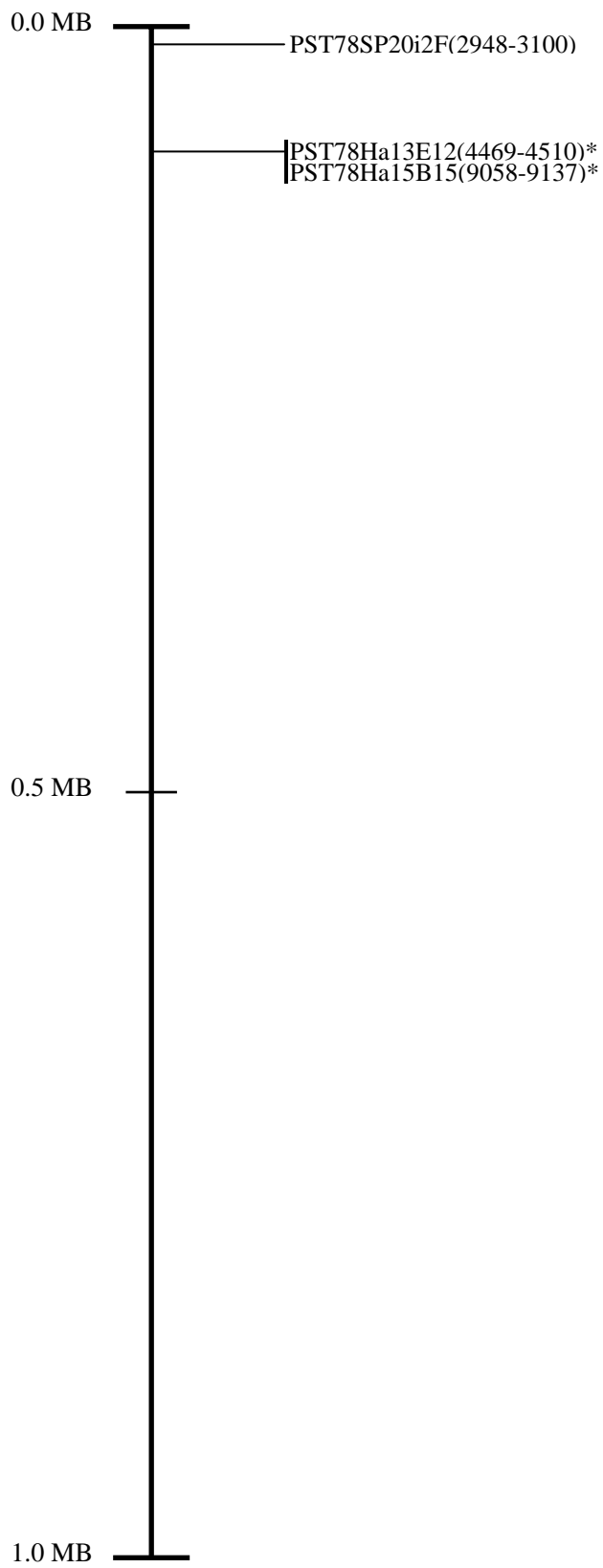


**Supercontig 133**  
**length: 128,998 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 135**  
**length: 163,446 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha8E20(2441-2710)

0.5 MB



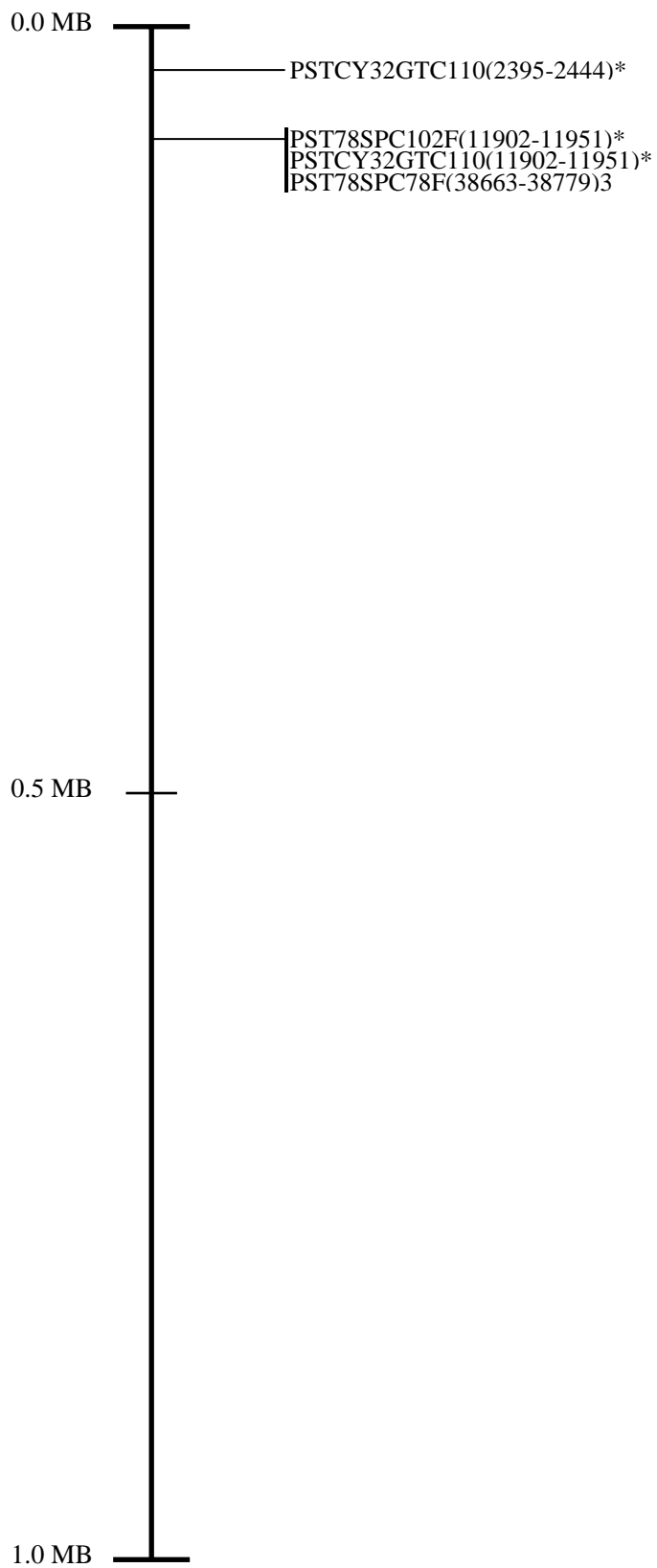
1.0 MB



**Supercontig 137**  
**length: 105,823 bp**

\* = less than 100bp alignment

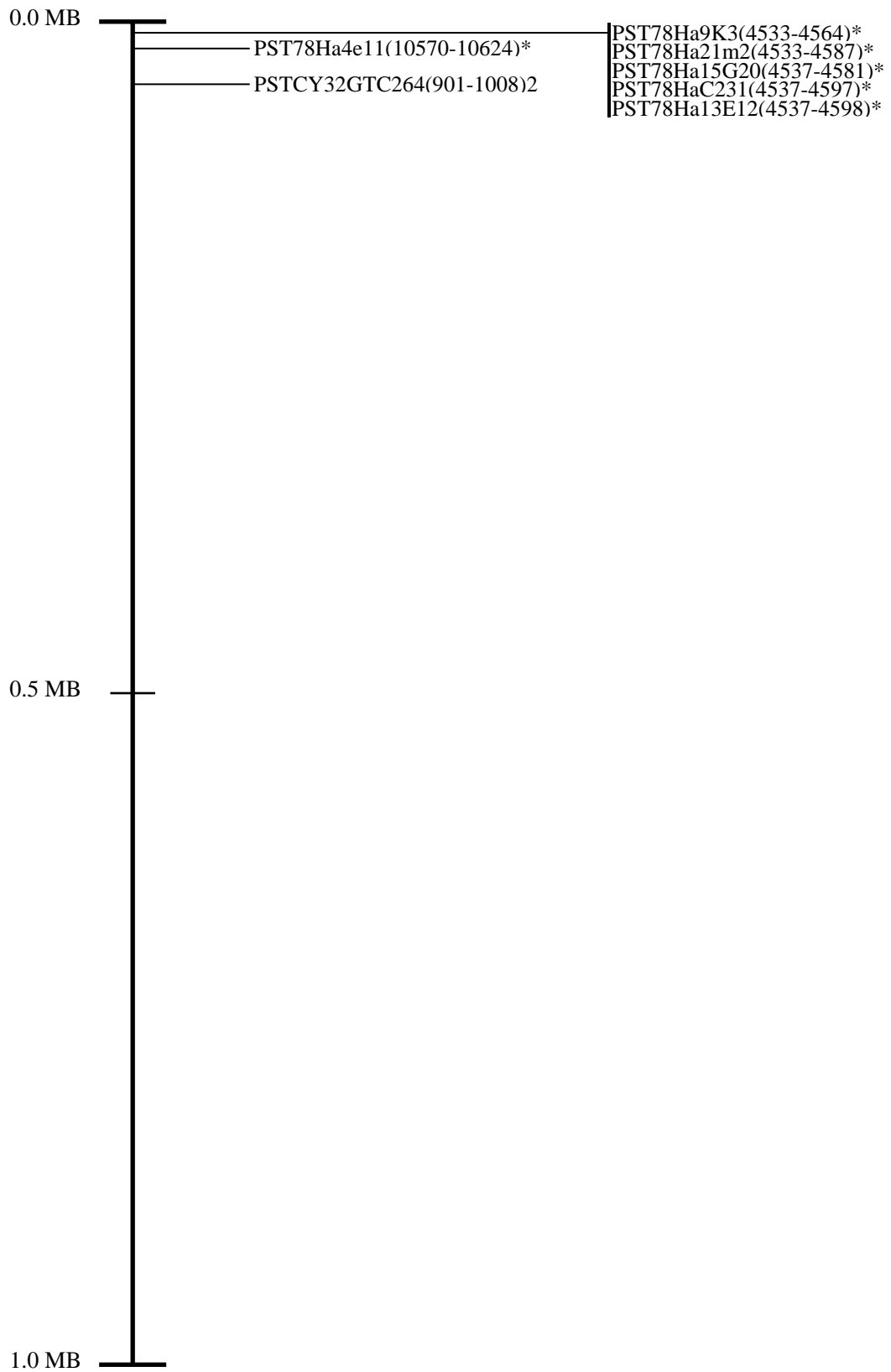
| = clones in the same contig



**Supercontig 138**  
**length: 90,221 bp**

\* = less than 100bp alignment

| = clones in the same contig

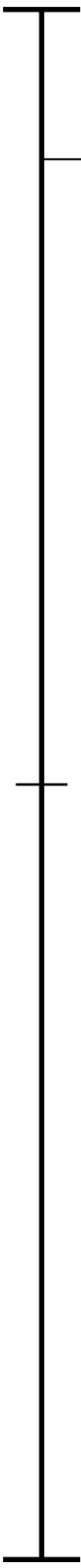


**Supercontig 139**  
**length: 93,586 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78SPC266F(9239-9627)3

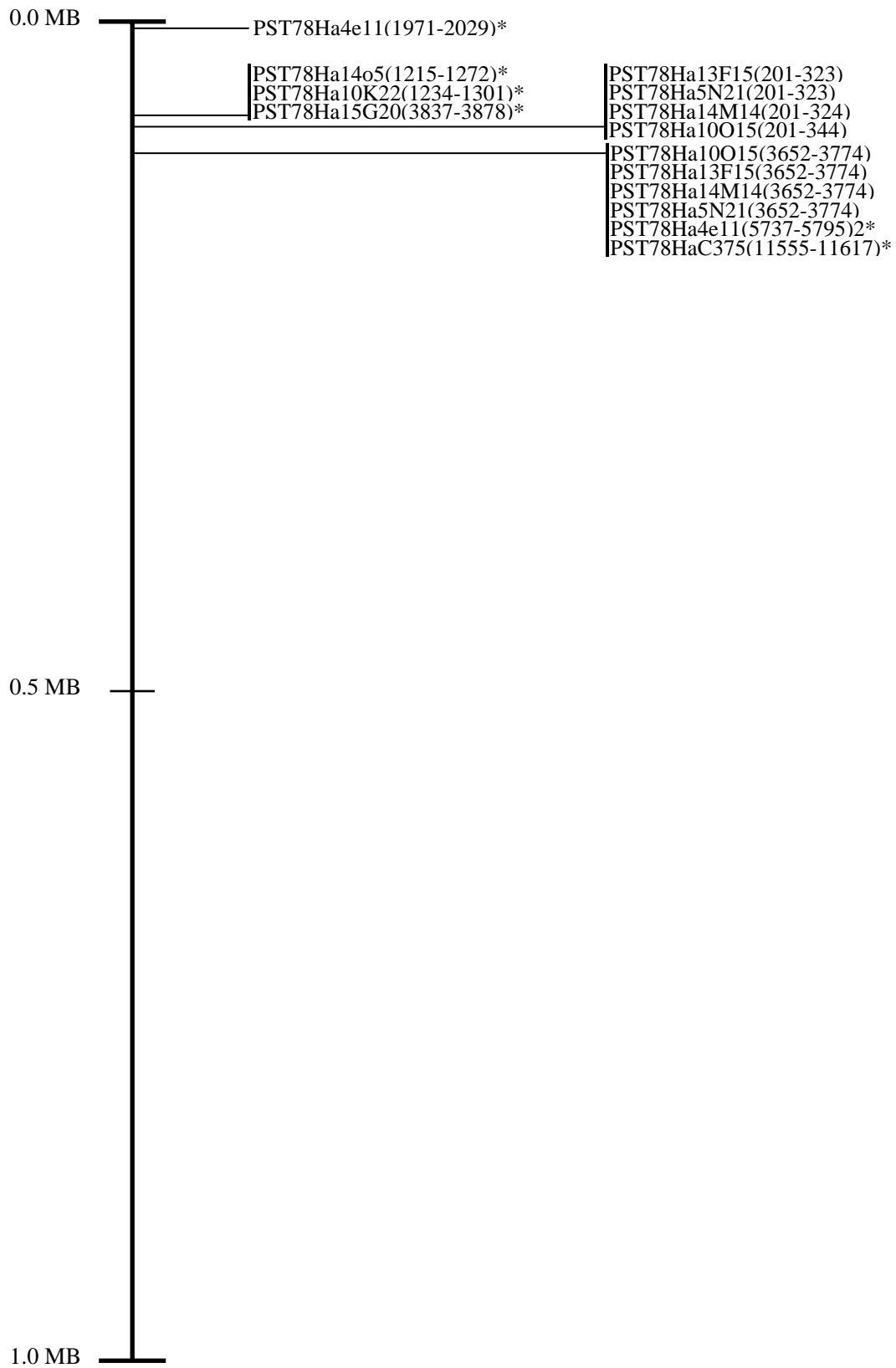
0.5 MB

1.0 MB

**Supercontig 140**  
**length: 96,224 bp**

\* = less than 100bp alignment

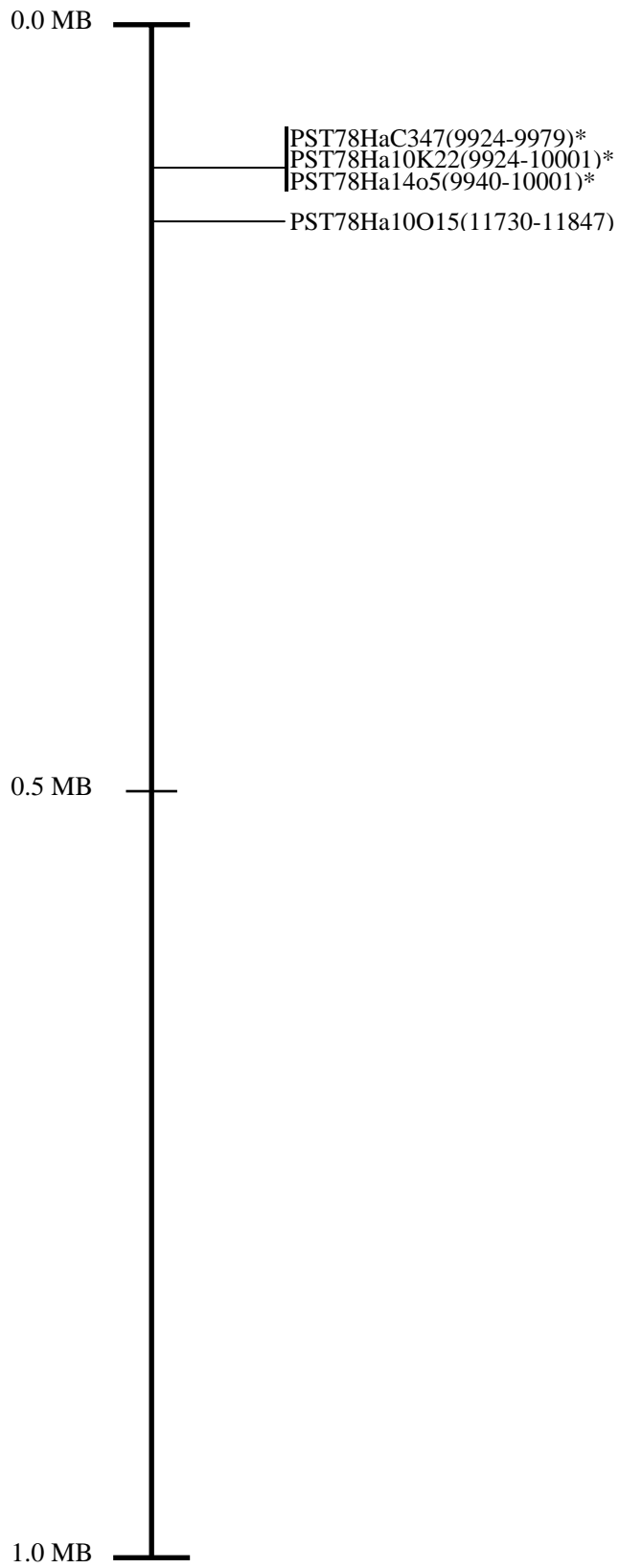
| = clones in the same contig



**Supercontig 141**  
**length: 98,031 bp**

\* = less than 100bp alignment

| = clones in the same contig

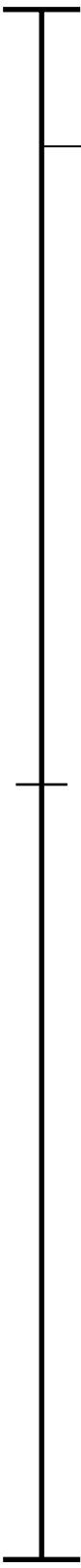


**Supercontig 142**  
**length: 132,305 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB



PST78Ha9G3(17850-17889)2\*

0.5 MB

1.0 MB

**Supercontig 143**  
**length: 87,623 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB

0.5 MB

1.0 MB

PST78Ha4e11(2287-2345)2\*  
PST78Ha15O7(8302-8456)

**Supercontig 144**  
**length: 85,648 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78HaC62(2684-2833)  
————— PST78Ha10O15(164-303)

0.5 MB ———

1.0 MB ———

**Supercontig 145**  
**length: 74,269 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP6i22F(9365-9432)2\*

0.5 MB —

1.0 MB ———

**Supercontig 146**  
**length: 66,839 bp**

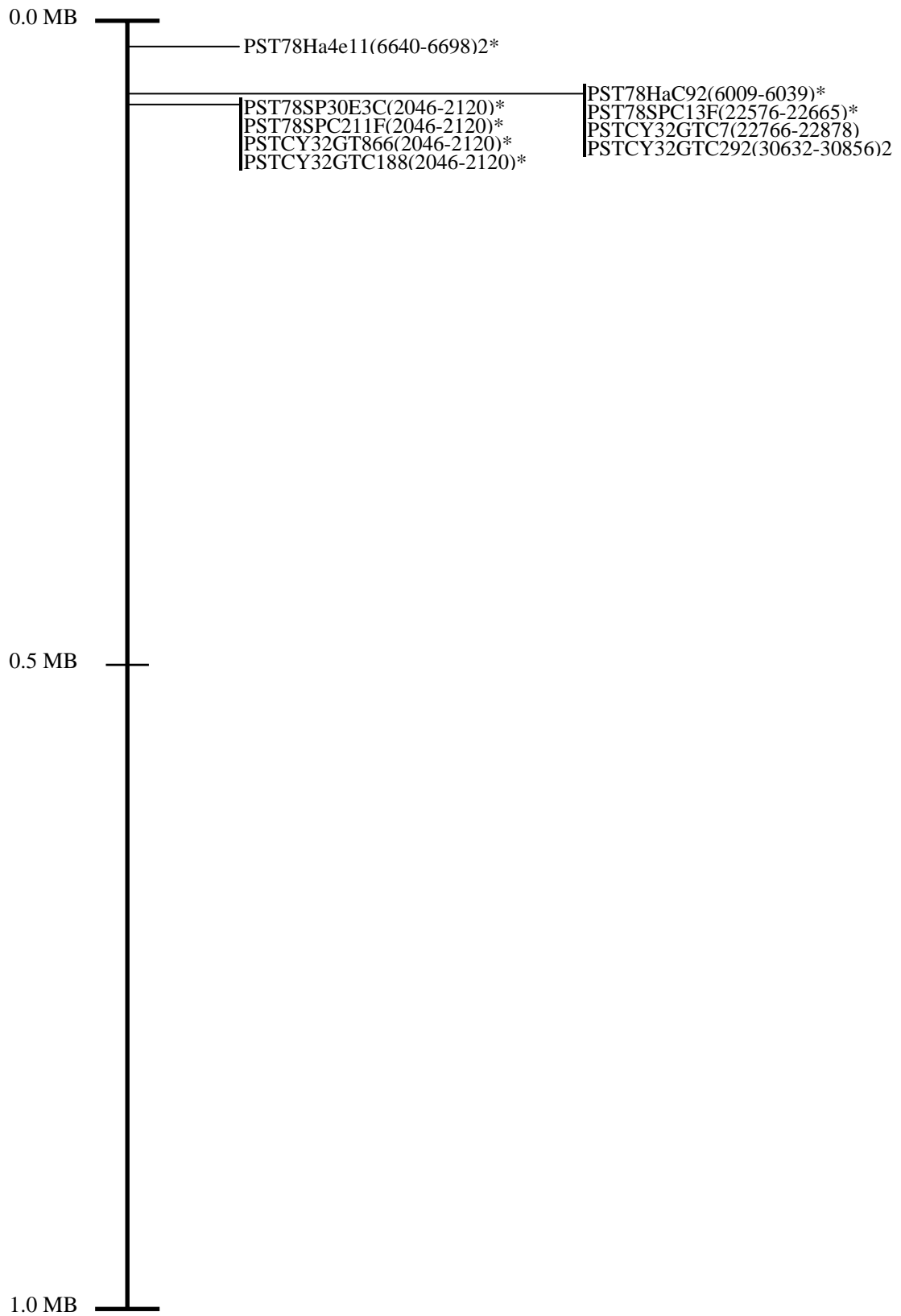
\* = less than 100bp alignment

| = clones in the same contig



\* = less than 100bp alignment

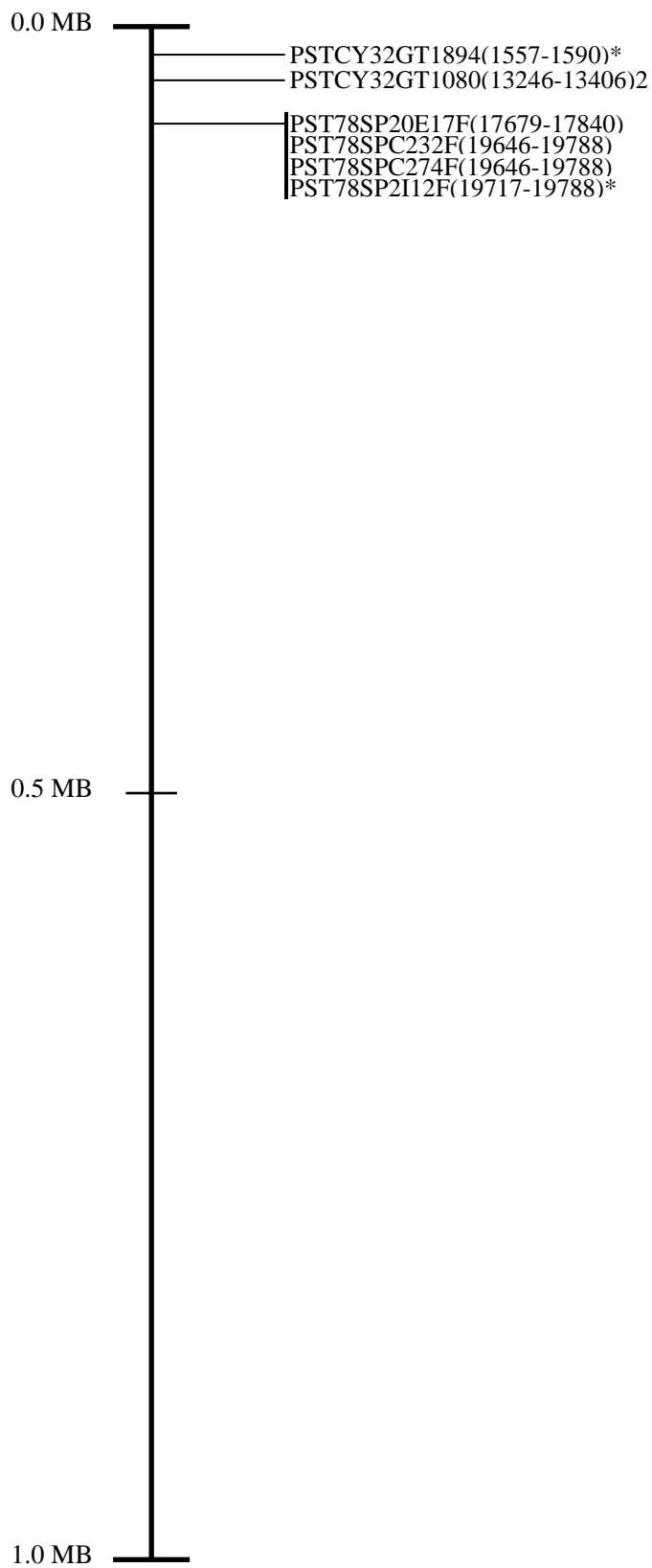
| = clones in the same contig



**Supercontig 148**  
**length: 64,884 bp**

\* = less than 100bp alignment

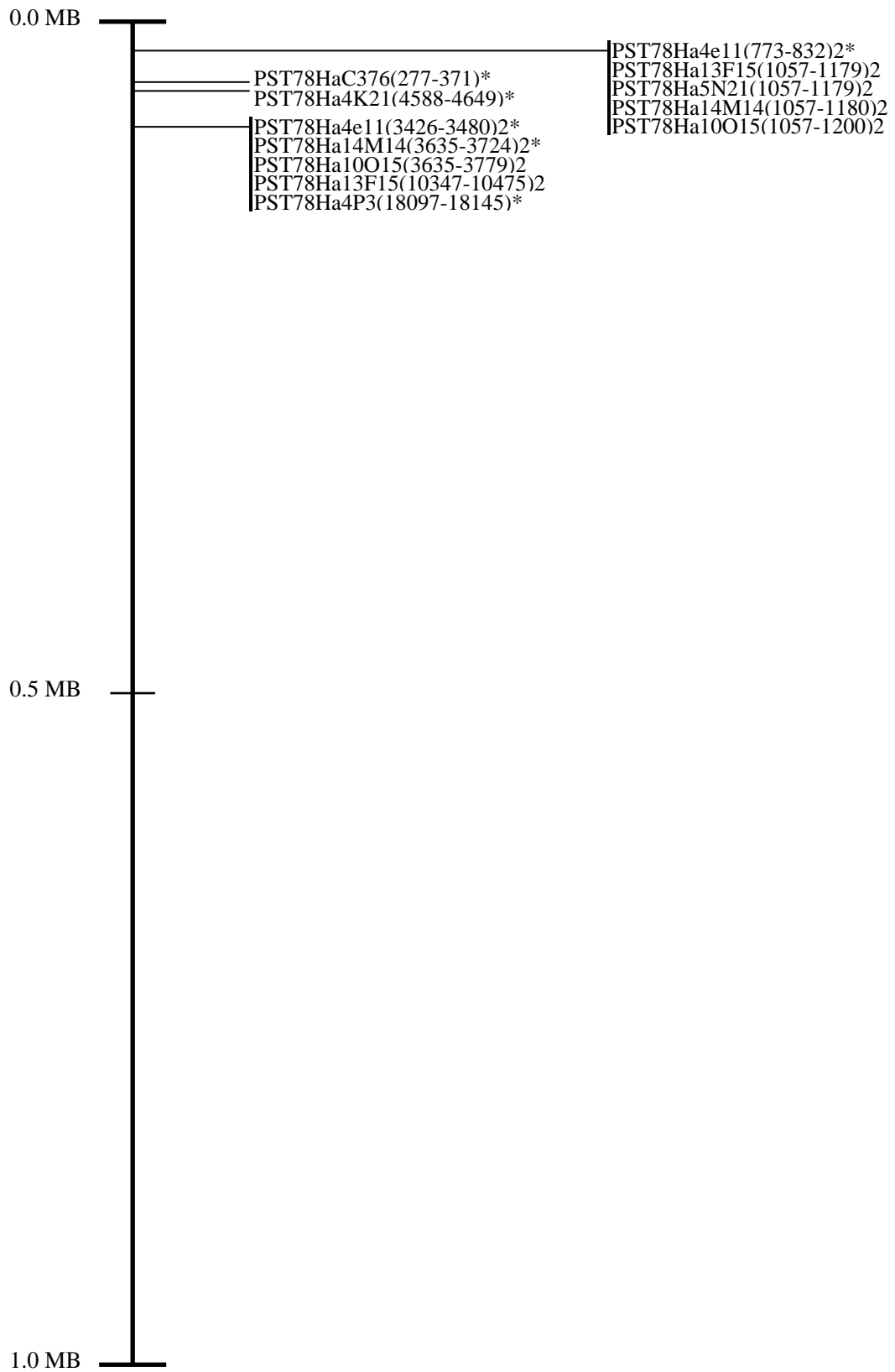
| = clones in the same contig



**Supercontig 150**  
**length: 63,036 bp**

\* = less than 100bp alignment

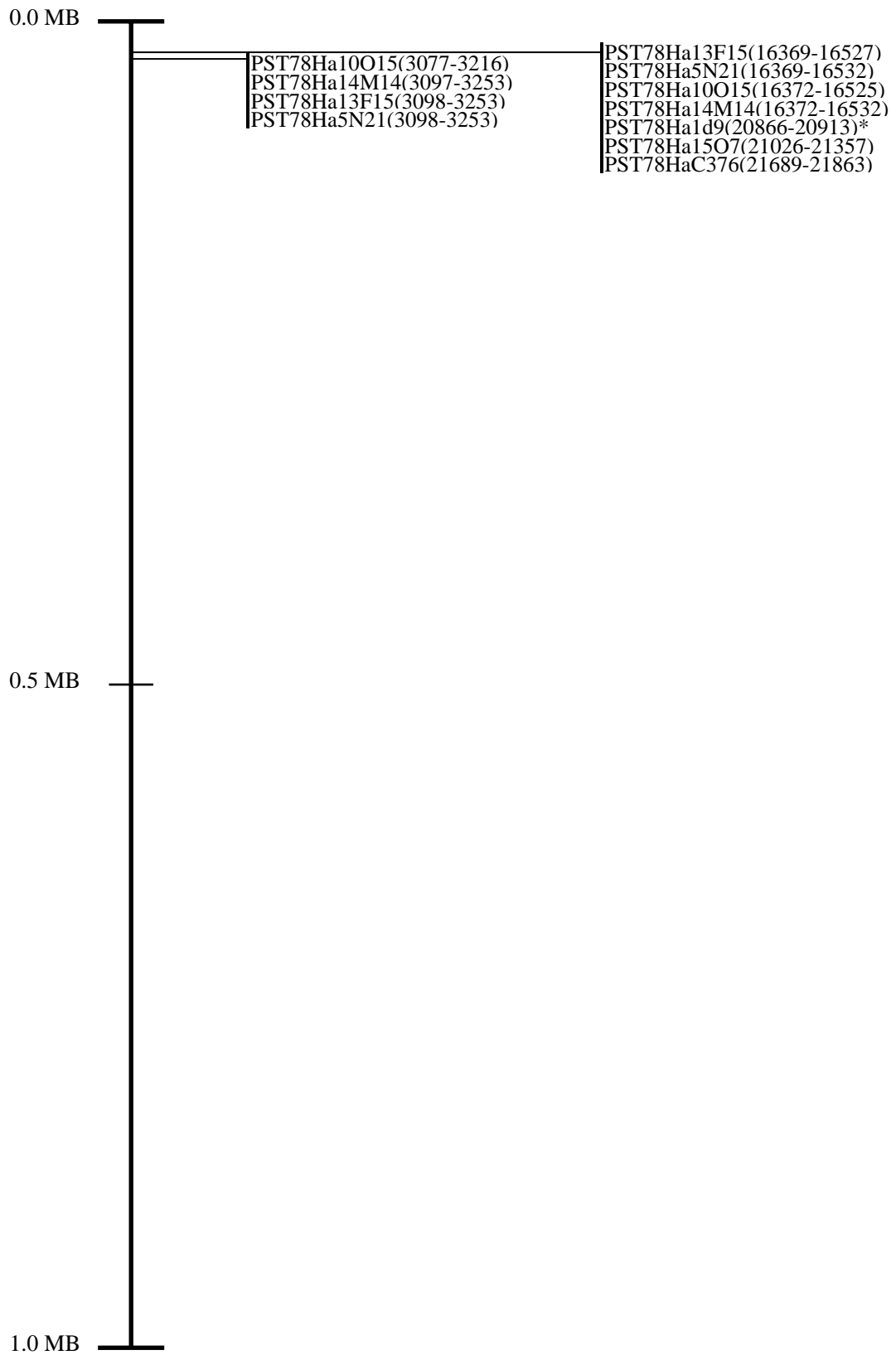
| = clones in the same contig



**Supercontig 151**  
**length: 78,814 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 152**  
**length: 68,096 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB

PST78Ha21M21(6032-6077)\*

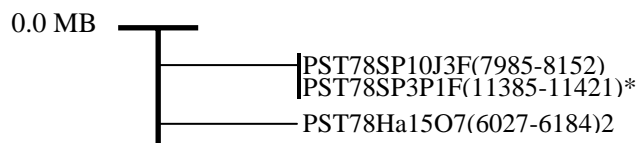
0.5 MB

1.0 MB

**Supercontig 153**  
**length: 58,505 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 154**  
**length: 59,544 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha17d3(1277-1345)\*

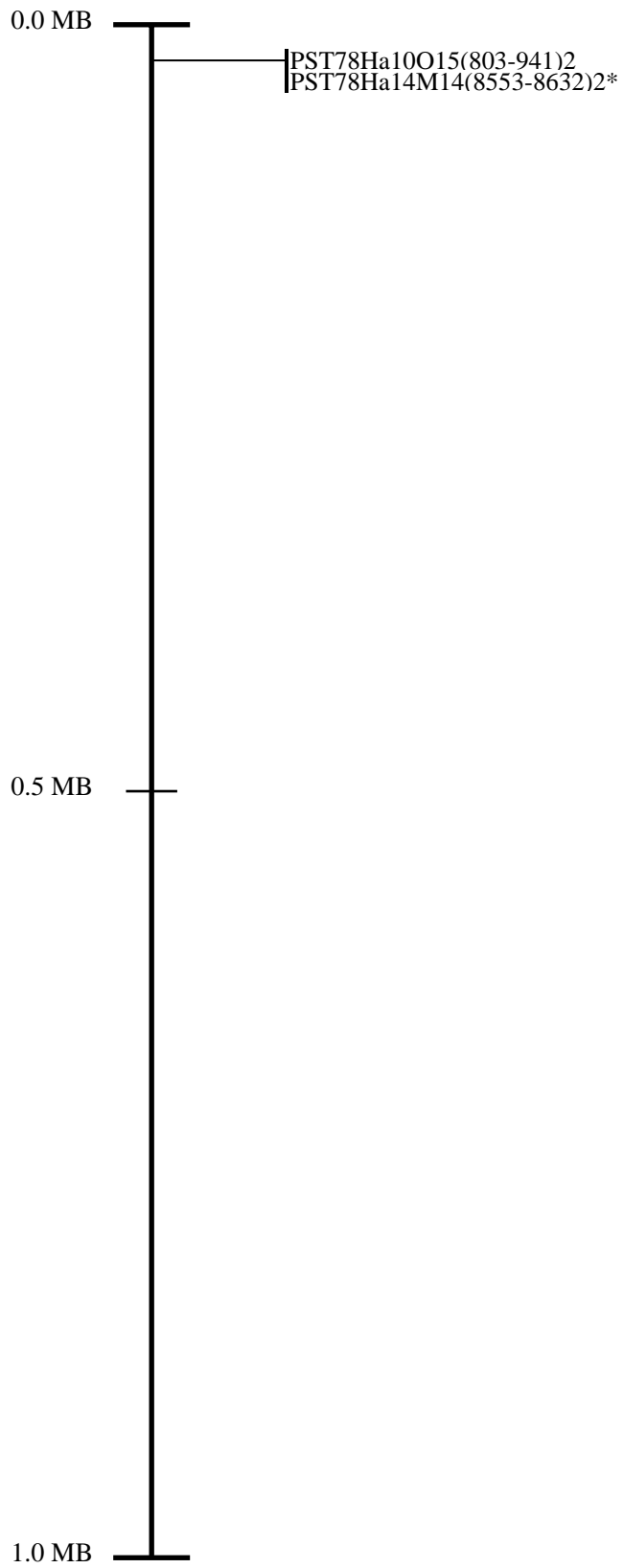
0.5 MB —

1.0 MB ———

**Supercontig 155**  
**length: 57,757 bp**

\* = less than 100bp alignment

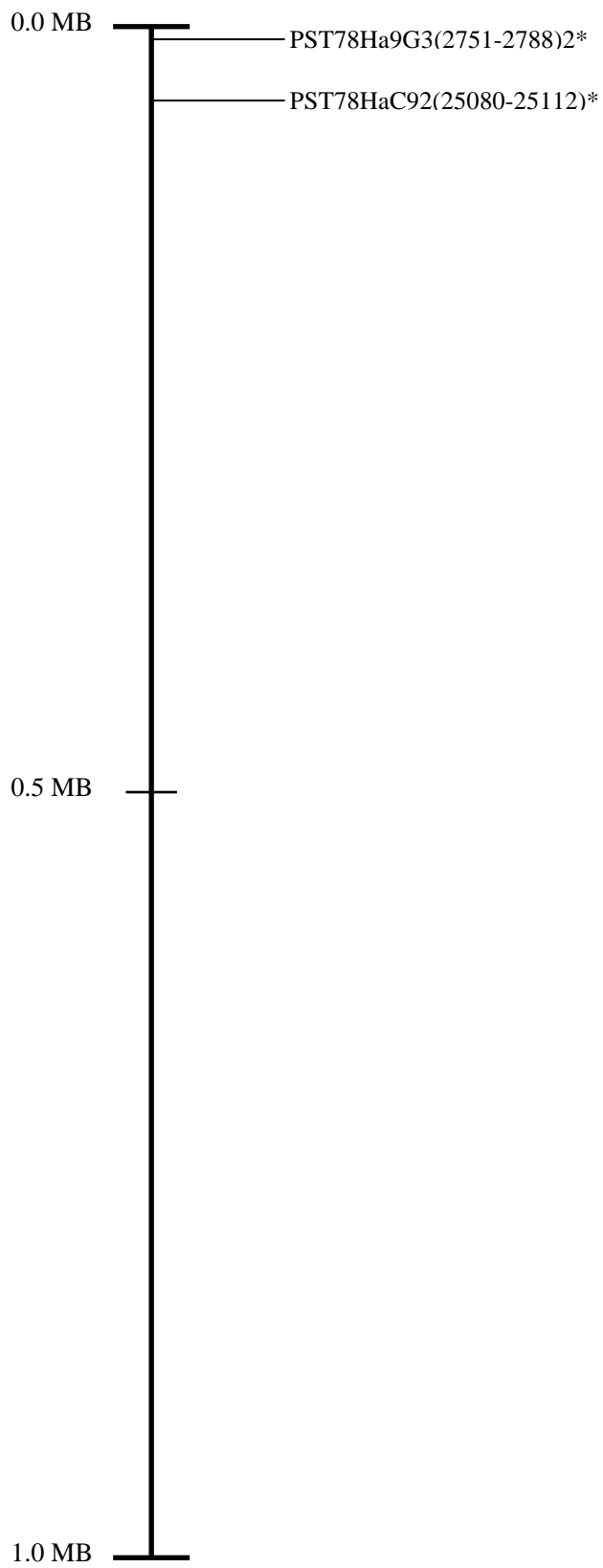
| = clones in the same contig



**Supercontig 156**  
**length: 63,803 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 159**  
**length: 48,833 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

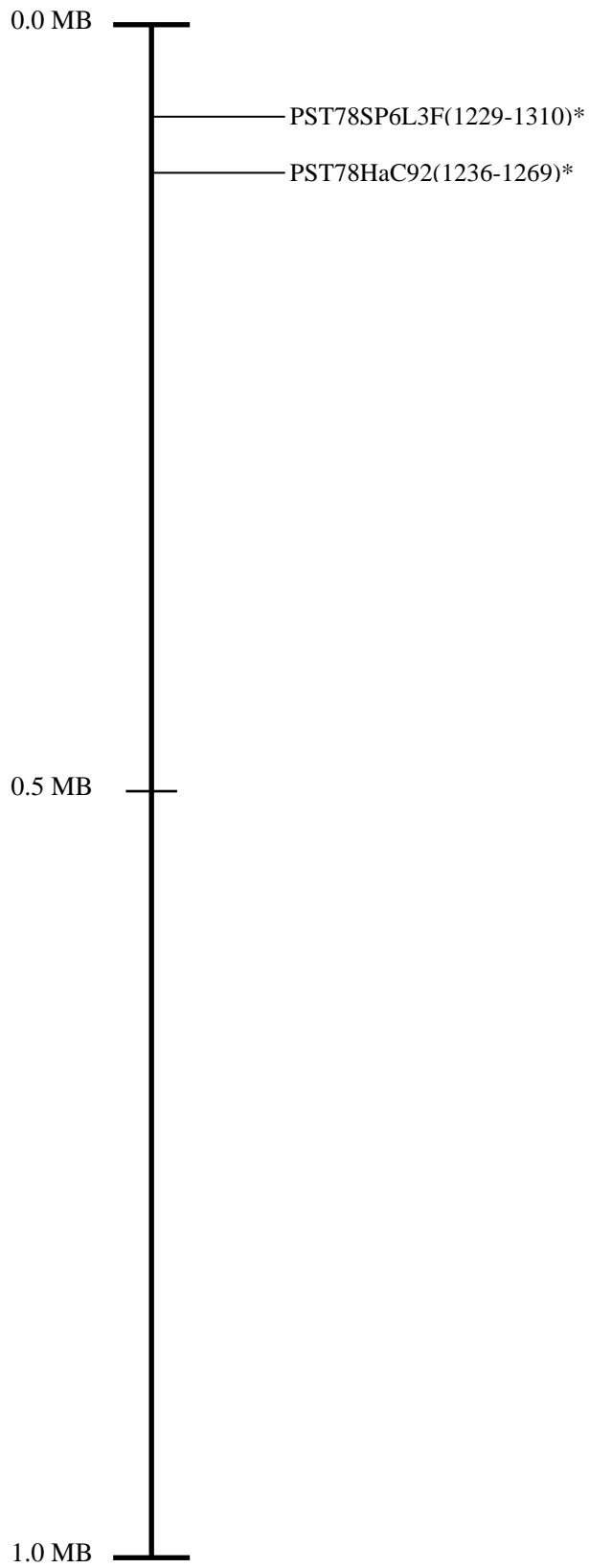
1.0 MB

|PST78Ha14M14(10645-10767)  
|PST78Ha13F15(10645-10770)  
|PST78Ha5N21(10645-10771)

**Supercontig 161**  
**length: 70,147 bp**

\* = less than 100bp alignment

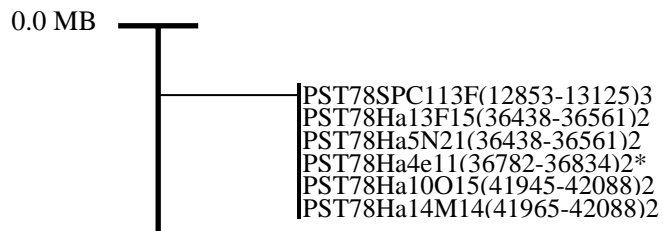
| = clones in the same contig



**Supercontig 162**  
**length: 96,527 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 163**  
**length: 42,923 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB

0.5 MB

1.0 MB

PST78Ha15G20(7403-7462)2\*  
PST78Ha13E12(14212-14272)2\*  
PST78HaC231(14212-14272)2\*  
PST78Ha21m2(14222-14274)2\*  
PST78Ha9K3(14245-14274)\*

**Supercontig 164**  
**length: 56,756 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB

PST78Ha21m2(3626-3688)\*  
PST78Ha9K3(3626-3693)\*  
PST78Ha15G20(3628-3672)\*  
PST78Ha13E12(3628-3678)\*  
PST78HaC231(3628-3678)\*

**Supercontig 165**  
**length: 46,219 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha4e11(5240-5296)3\*

0.5 MB ———

1.0 MB ———

**Supercontig 166**  
**length: 62,331 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

0.5 MB

1.0 MB

PST78Ha14o5(1512-1602)\*  
PST78Ha10K22(1531-1618)\*  
PST78HaC347(1541-1594)\*

**Supercontig 167**  
**length: 55,078 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha9N22(7372-7525)  
PST78Ha9N9(7385-7471)\*  
PST78Ha16L22(7398-7525)

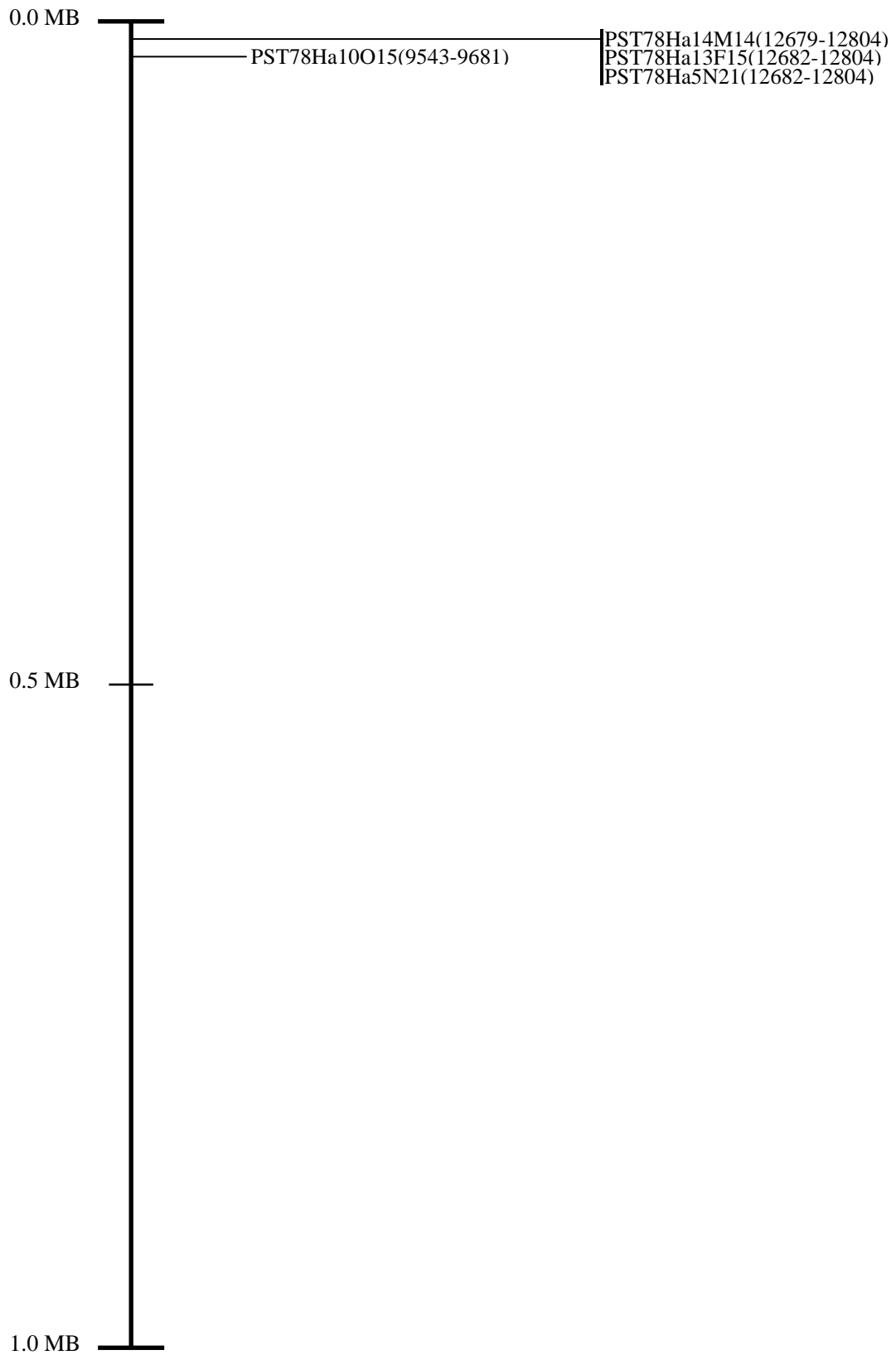
0.5 MB

1.0 MB

**Supercontig 169**  
**length: 56,434 bp**

\* = less than 100bp alignment

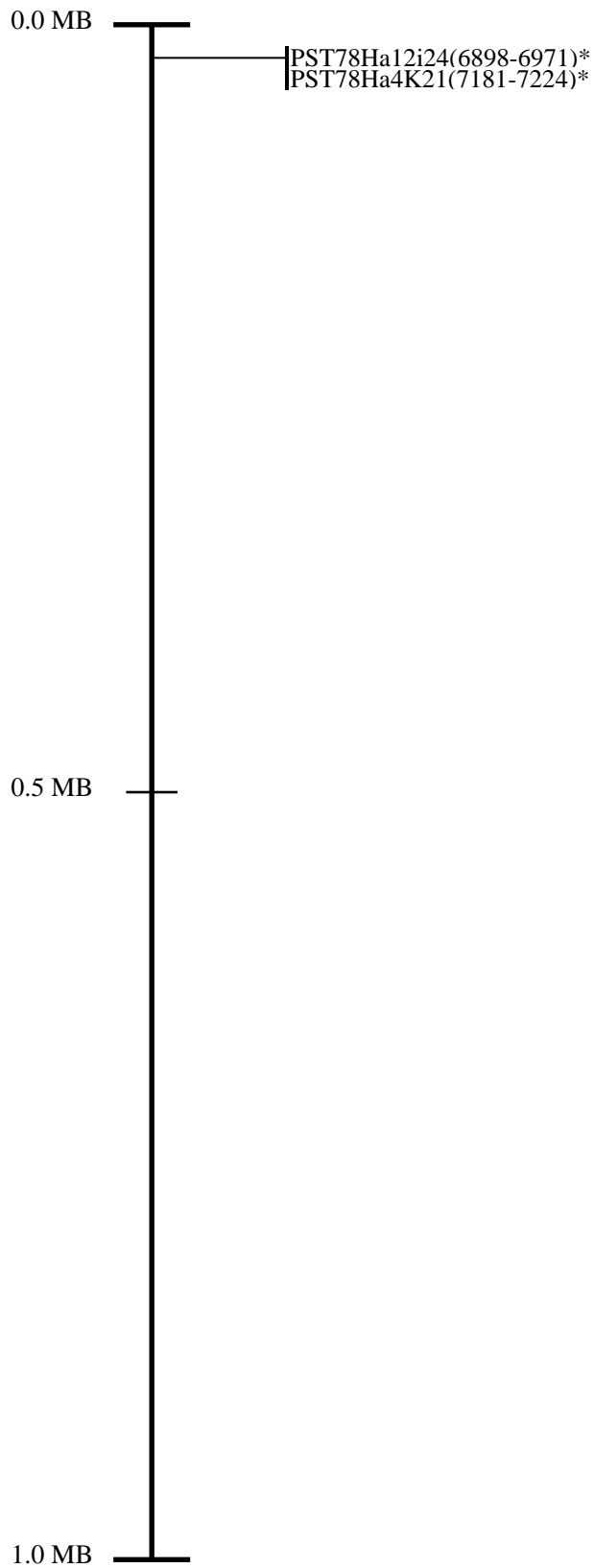
| = clones in the same contig



**Supercontig 170**  
**length: 41,057 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 171**  
**length: 47,090 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha4P13(2373-2415)\*

0.5 MB —

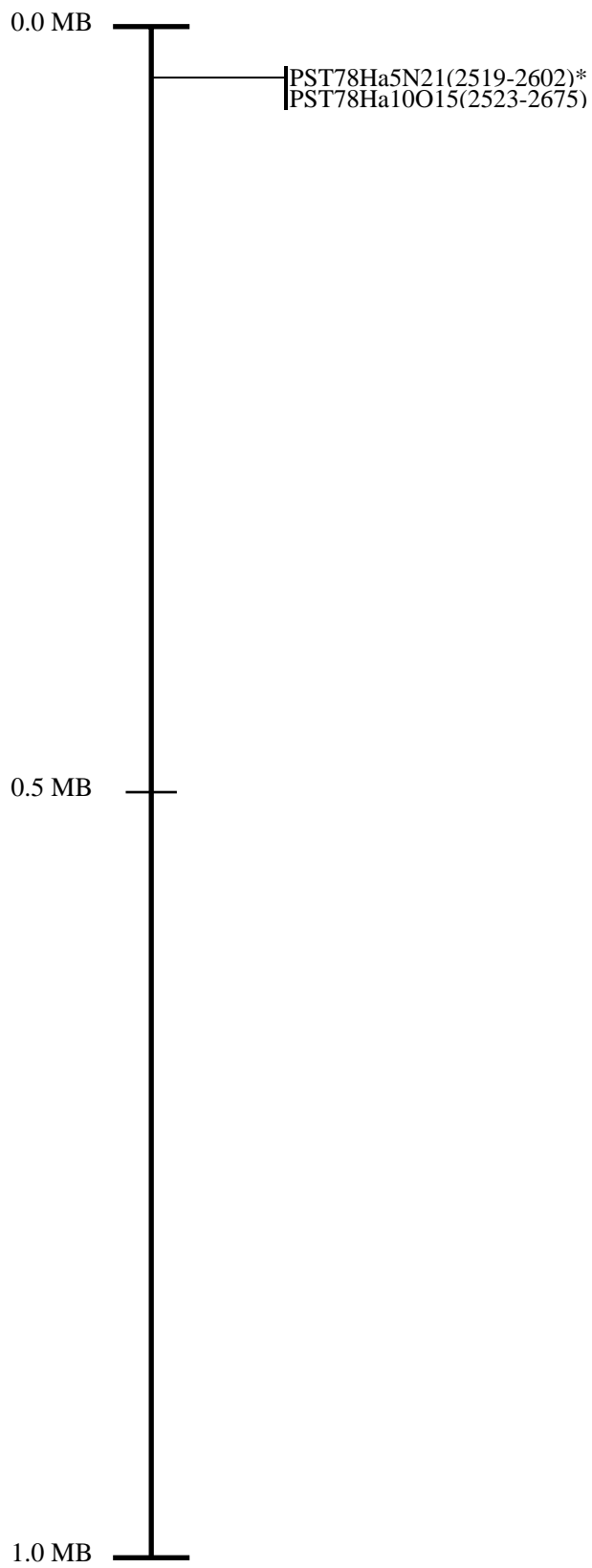
1.0 MB ———

**Supercontig 172**  
**length: 51,493 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 173**  
**length: 32,945 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB

|PST78SP6B11F(16374-16432)\*  
|PSTCY32GTC73(16374-16432)\*

0.5 MB

1.0 MB

**Supercontig 178**  
**length: 30,831 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha10C20(2330-2391)2\*

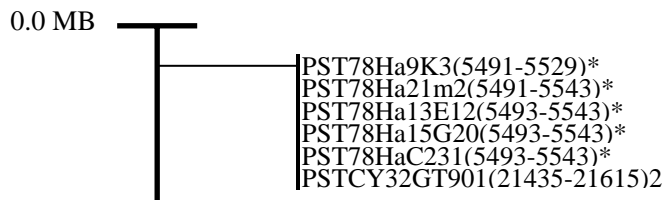
0.5 MB —

1.0 MB ———

**Supercontig 180**  
**length: 26,426 bp**

\* = less than 100bp alignment

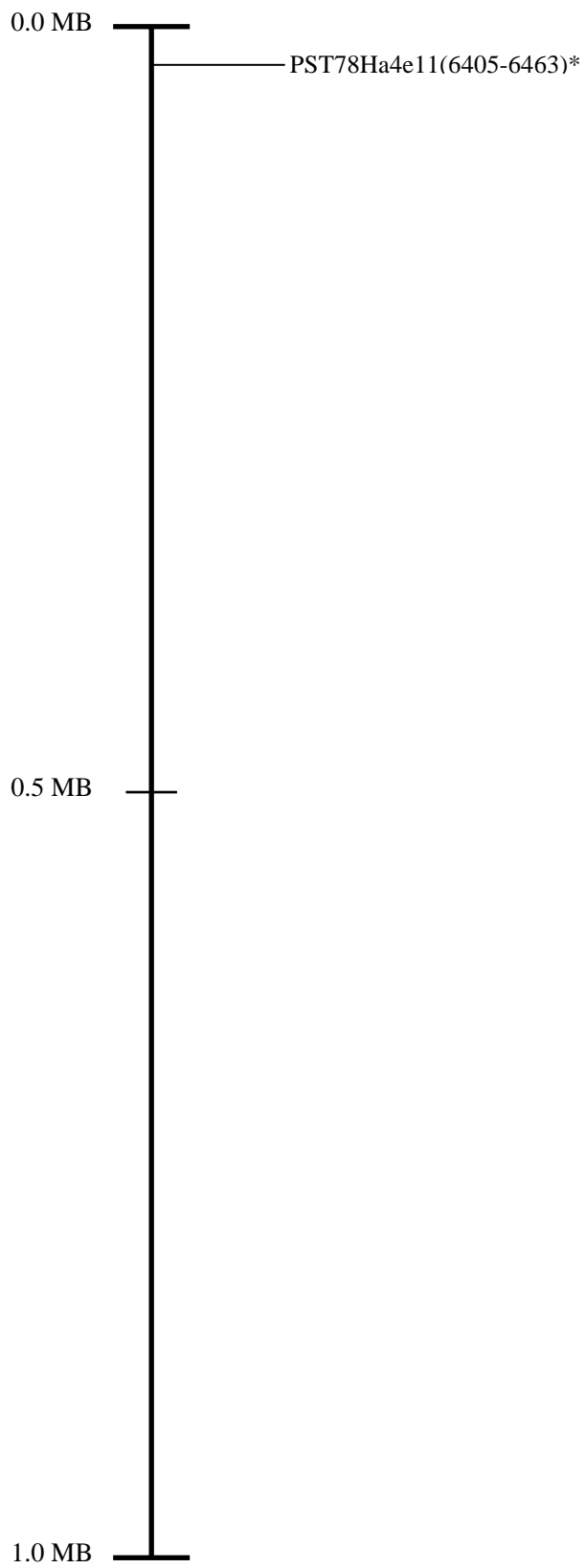
| = clones in the same contig



**Supercontig 181**  
**length: 25,288 bp**

\* = less than 100bp alignment

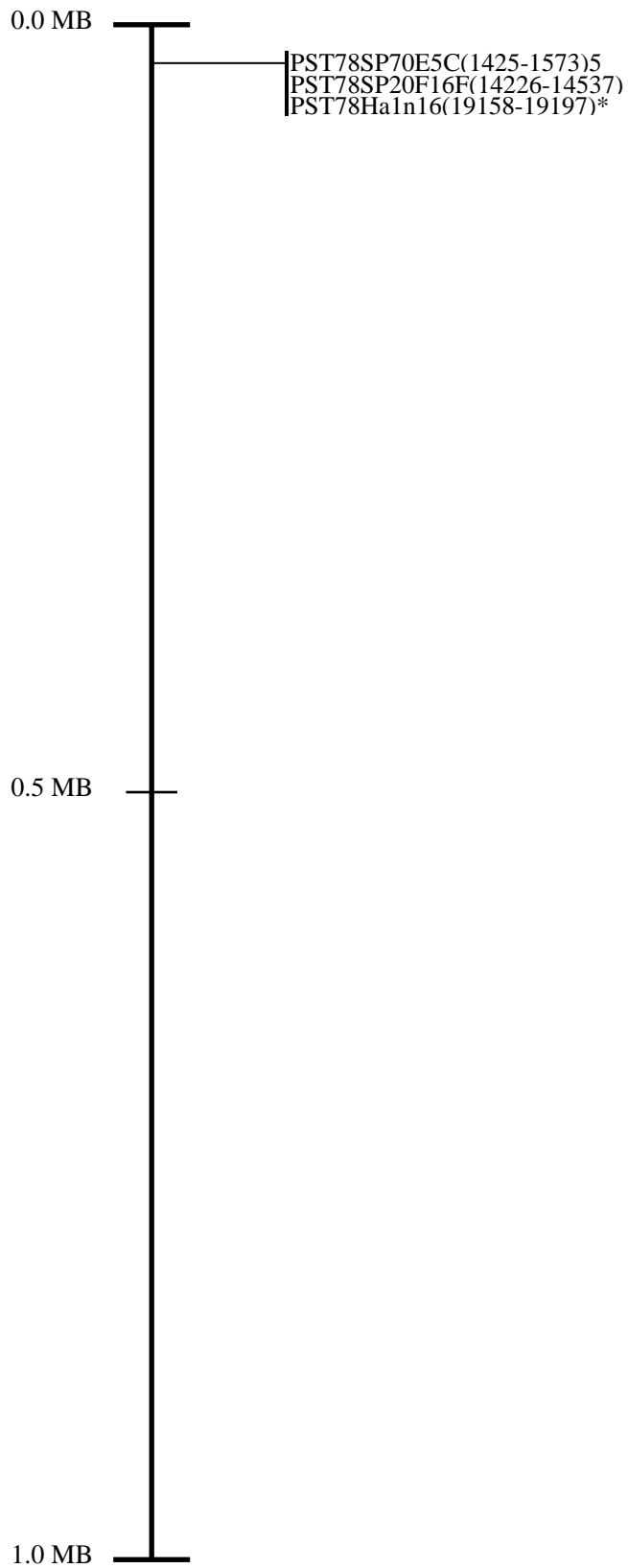
| = clones in the same contig



**Supercontig 183**  
**length: 25,255 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 184**  
**length: 25,182 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP20F16F(19798-20109)

0.5 MB ———

1.0 MB ———

**Supercontig 189**  
**length: 22,821 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha9H17(16849-16886)\*

0.5 MB ———

1.0 MB ———

**Supercontig 191**  
**length: 21,049 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB ——— PST78Ha9B6(3158-3203)\*

0.5 MB ———

1.0 MB ———

**Supercontig 193**  
**length: 20,340 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha9N22(4700-4874)

0.5 MB ———

1.0 MB ———

**Supercontig 195**  
**length: 20,131 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PSTCY32GT2804(9274-9395)3

0.5 MB ———

1.0 MB ———

**Supercontig 197**  
**length: 19,986 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha14b18(2494-2536)\*

0.5 MB —

1.0 MB ———

**Supercontig 202**  
**length: 18,478 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP13L13F(7298-7673)

0.5 MB ———

1.0 MB ———

**Supercontig 203**  
**length: 18,097 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha9B23(2269-2357)\*

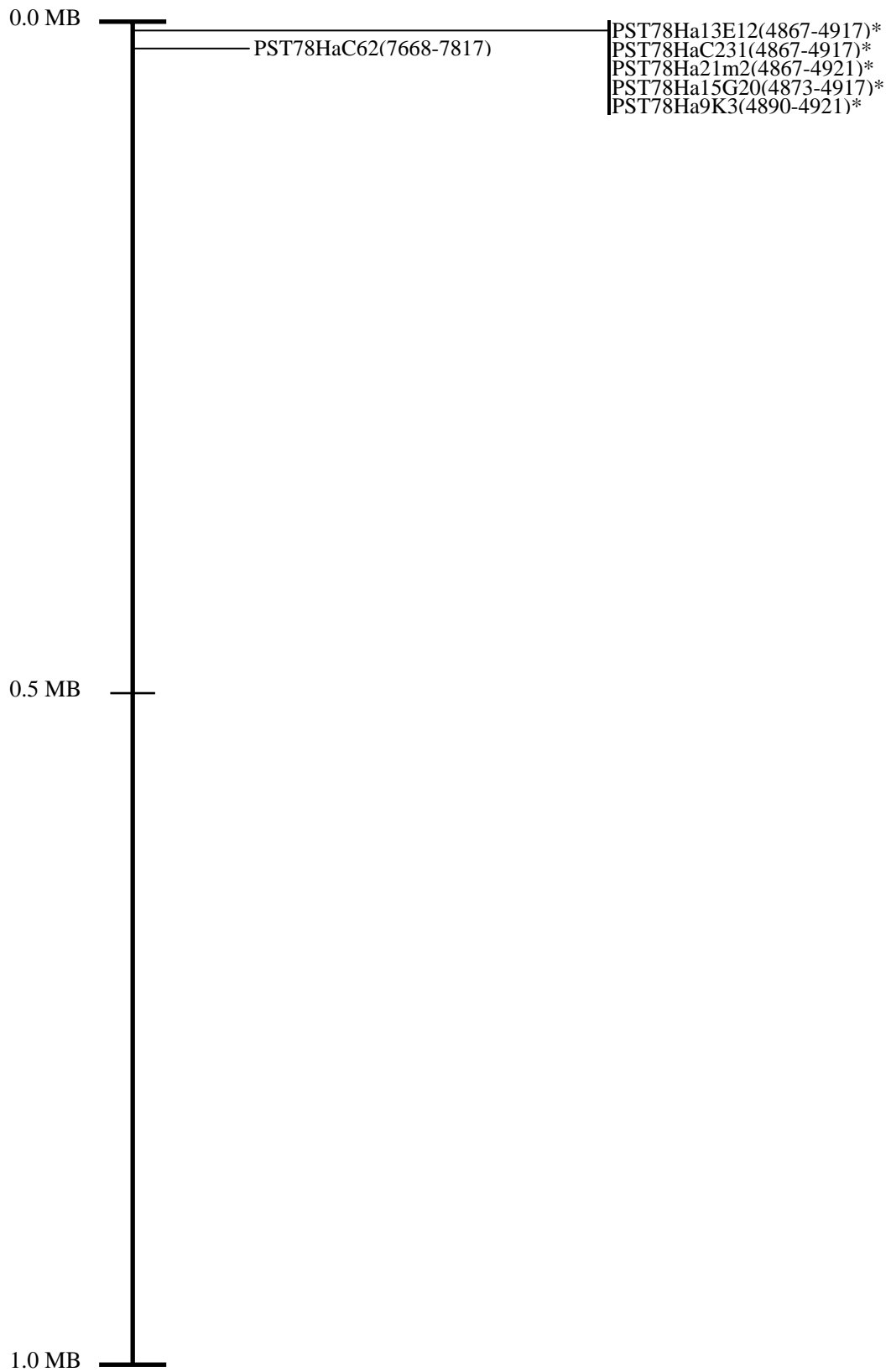
0.5 MB —

1.0 MB ———

**Supercontig 204**  
**length: 19,139 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 205**  
**length: 19,822 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha5N21(5016-5176)  
PST78Ha14M14(5016-5179)  
PST78Ha13F15(5021-5176)  
PST78Ha10O15(5023-5177)

0.5 MB

1.0 MB

**Supercontig 207**  
**length: 17,451 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB ——— PST78Ha4e11(11287-11345)\*

0.5 MB ———

1.0 MB ———

**Supercontig 209**  
**length: 16,612 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha14M14(4021-4149)

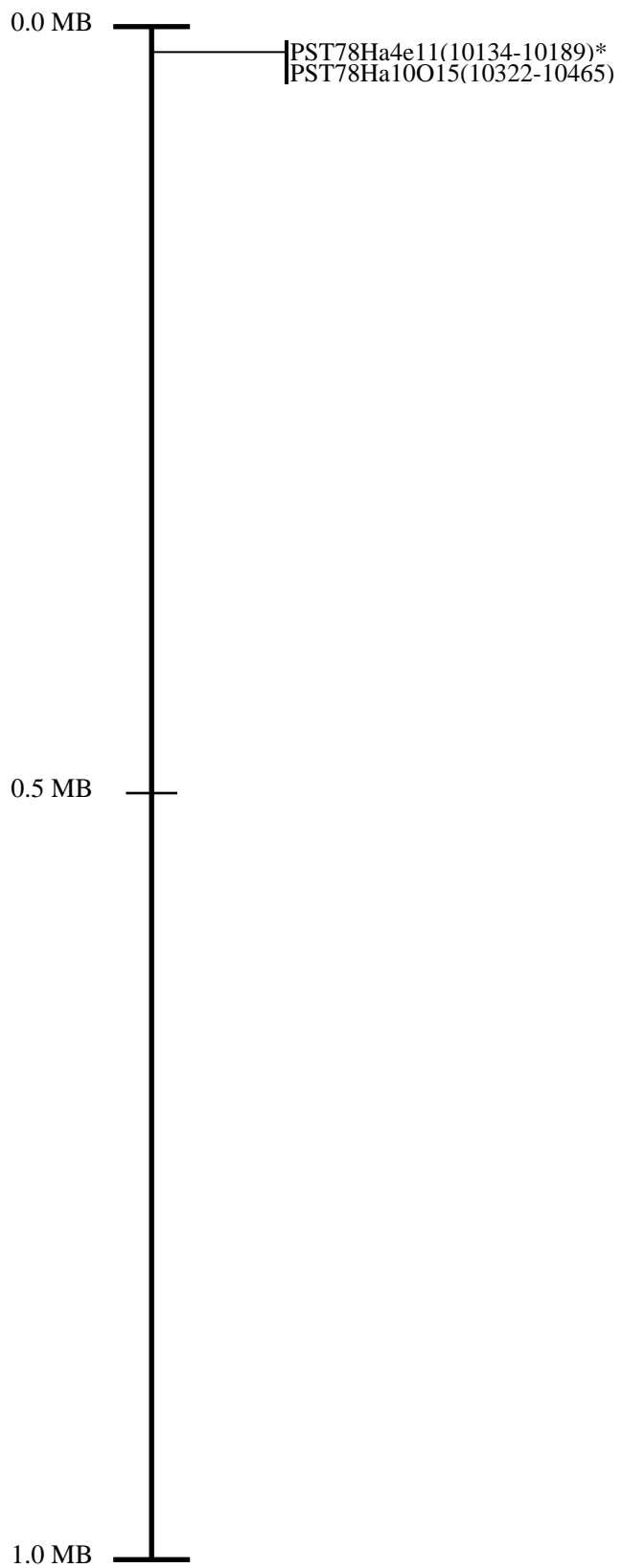
0.5 MB ———

1.0 MB ———

**Supercontig 210**  
**length: 16,297 bp**

\* = less than 100bp alignment

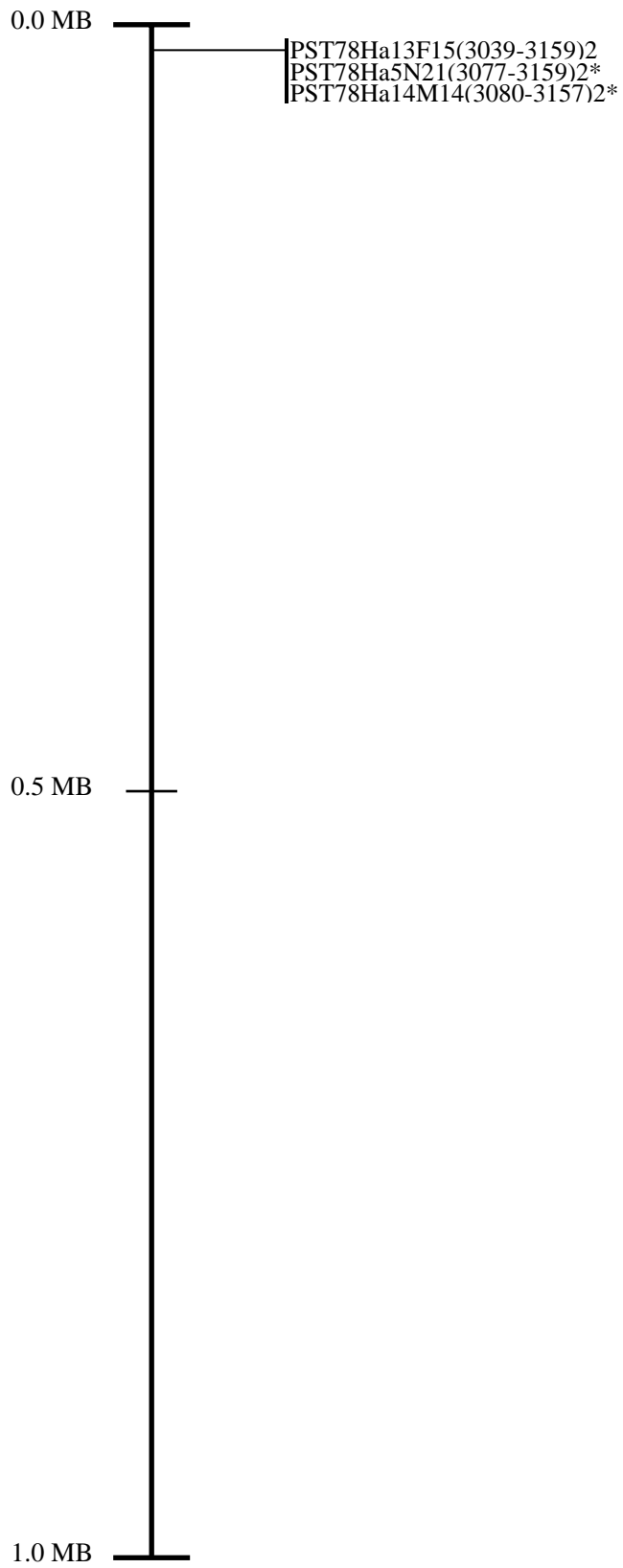
| = clones in the same contig



**Supercontig 213**  
**length: 15,902 bp**

\* = less than 100bp alignment

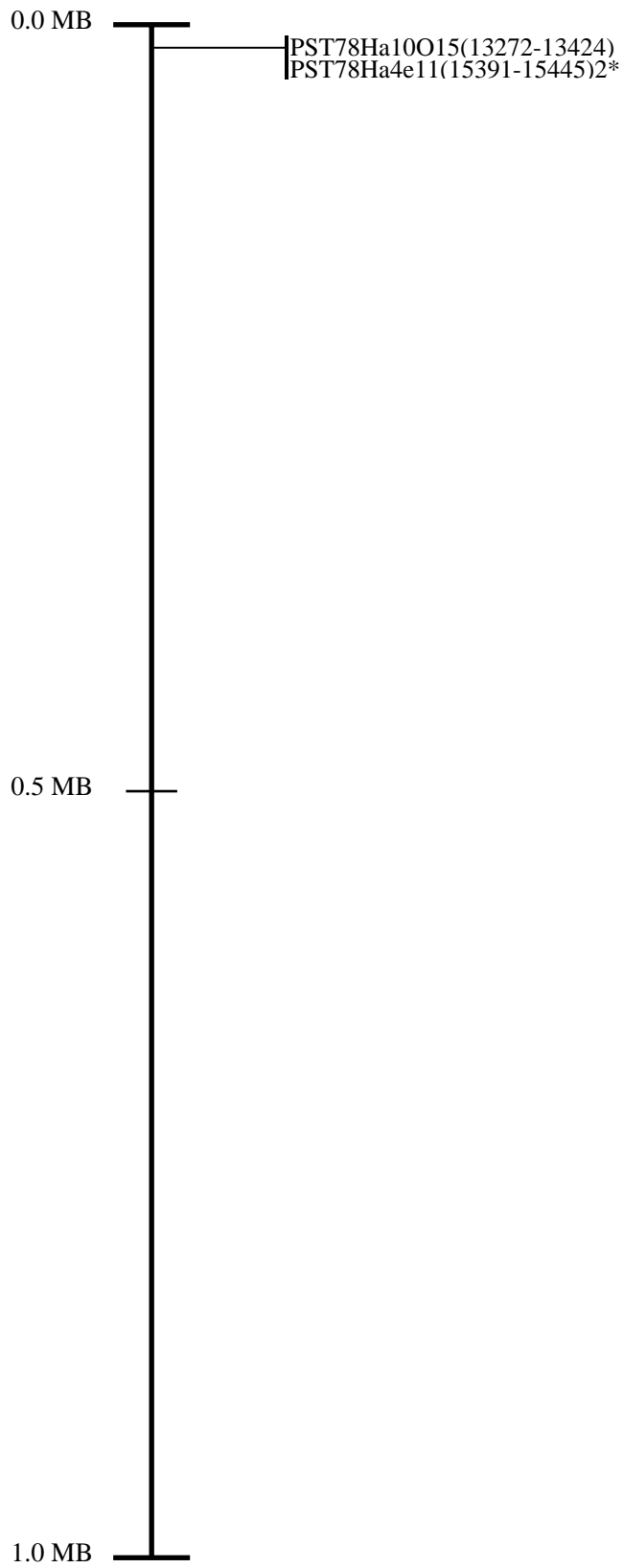
| = clones in the same contig



**Supercontig 214**  
**length: 16,066 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 216**  
**length: 15,718 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78HaC176(10590-10617)\*

0.5 MB —

1.0 MB ———

**Supercontig 219**  
**length: 15,090 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PSTCY32GT2982(7852-7894)\*

0.5 MB ———

1.0 MB ———

**Supercontig 220**  
**length: 14,899 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
| PST78Ha4P3(2439-2490)\*  
| PST78Ha4P13(11412-11461)\*

0.5 MB

1.0 MB

**Supercontig 221**  
**length: 14,629 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB  
PST78SP11D1F(3066-3142)2\*  
PST78SPC327F(4699-4893)3  
PSTCY32GTC64(4699-4893)3

0.5 MB

1.0 MB

**Supercontig 225**  
**length: 13,856 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP20G24F(4431-4676)2

0.5 MB ———

1.0 MB ———

**Supercontig 227**  
**length: 13,483 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha13F15(5582-5738)  
PST78Ha14M14(5582-5738)  
PST78Ha5N21(5582-5738)

0.5 MB

1.0 MB

**Supercontig 228**  
**length: 13,460 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha2h19(2972-2997)\*

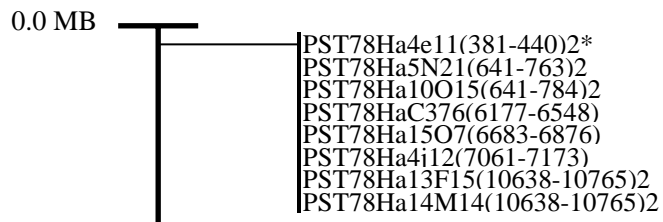
0.5 MB —

1.0 MB ———

**Supercontig 236**  
**length: 12,526 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 237**  
**length: 12,336 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———— | PST78SP70E5C(6311-6459)5  
| PST78SP20F16F(9826-10137)

0.5 MB ————

1.0 MB ————

**Supercontig 238**  
**length: 12,284 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP18M3F(3676-3710)\*

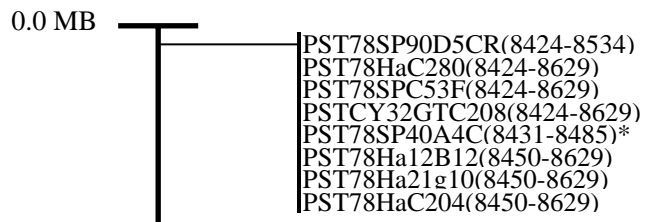
0.5 MB ———

1.0 MB ———

**Supercontig 239**  
**length: 15,052 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 241**  
**length: 12,067 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB ——— PSTCY32GTC389(10507-10658)3

0.5 MB ———

1.0 MB ———

**Supercontig 246**  
**length: 11,389 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SPC261F(5633-5899)

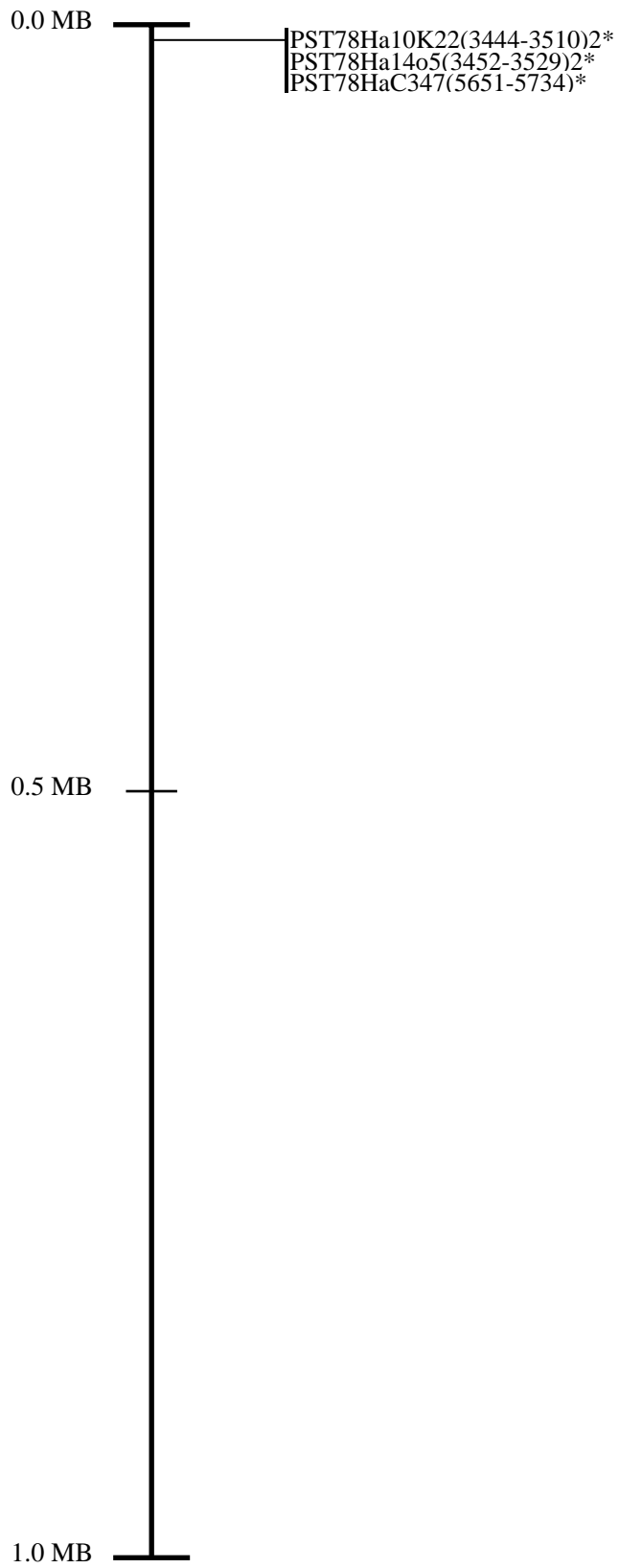
0.5 MB ———

1.0 MB ———

**Supercontig 249**  
**length: 10,855 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 256**  
**length: 10,451 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha15O7(5183-5249)\*

0.5 MB ———

1.0 MB ———

**Supercontig 262**  
**length: 10,127 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha9K3(5917-5948)\*  
PST78Ha21m2(5917-5980)\*  
PST78Ha13E12(5921-5971)\*  
PST78HaC231(5921-5971)\*  
PST78Ha15G20(5921-5980)\*

0.5 MB

1.0 MB

**Supercontig 263**  
**length: 10,113 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha5N21(5493-5621)2  
PST78Ha14M14(5496-5621)  
PST78Ha13F15(5499-5621)2  
PST78Ha4e11(5836-5895)\*

0.5 MB

1.0 MB

**Supercontig 265**  
**length: 10,029 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha5A18(8660-8734)\*

0.5 MB ———

1.0 MB ———

**Supercontig 267**  
**length: 9,743 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———| PSTCY32GT599(518-601)\*  
| PST78Ha4e11(9293-9348)\*  
| PST78Ha13F15(9481-9604)

0.5 MB ———|

1.0 MB ———|

**Supercontig 268**  
**length: 9,738 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB ——— PST78Ha4P13(855-899)\*

0.5 MB ———

1.0 MB ———

**Supercontig 270**  
**length: 9,523 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———— |PST78Ha14p18(2342-2437)\*  
|PST78Ha15O7(2655-2734)\*

0.5 MB ————

1.0 MB ————

**Supercontig 271**  
**length: 9,385 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha4e11(8921-8979)\*

0.5 MB —

1.0 MB ———

**Supercontig 273**  
**length: 9,255 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PSTCY32GT421(6468-6537)2\*

0.5 MB —

1.0 MB ———

**Supercontig 276**  
**length: 8,976 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha14b18(6576-6607)\*

0.5 MB ———

1.0 MB ———

**Supercontig 278**  
**length: 8,937 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha13E12(2102-2143)\*

0.5 MB ———

1.0 MB ———

**Supercontig 286**  
**length: 8,437 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha10O15(1466-1605)  
PST78Ha5N21(1504-1584)\*  
PST78Ha14M14(1507-1585)\*

0.5 MB

1.0 MB

**Supercontig 287**  
**length: 8,404 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha4e11(3222-3280)\*

0.5 MB ———

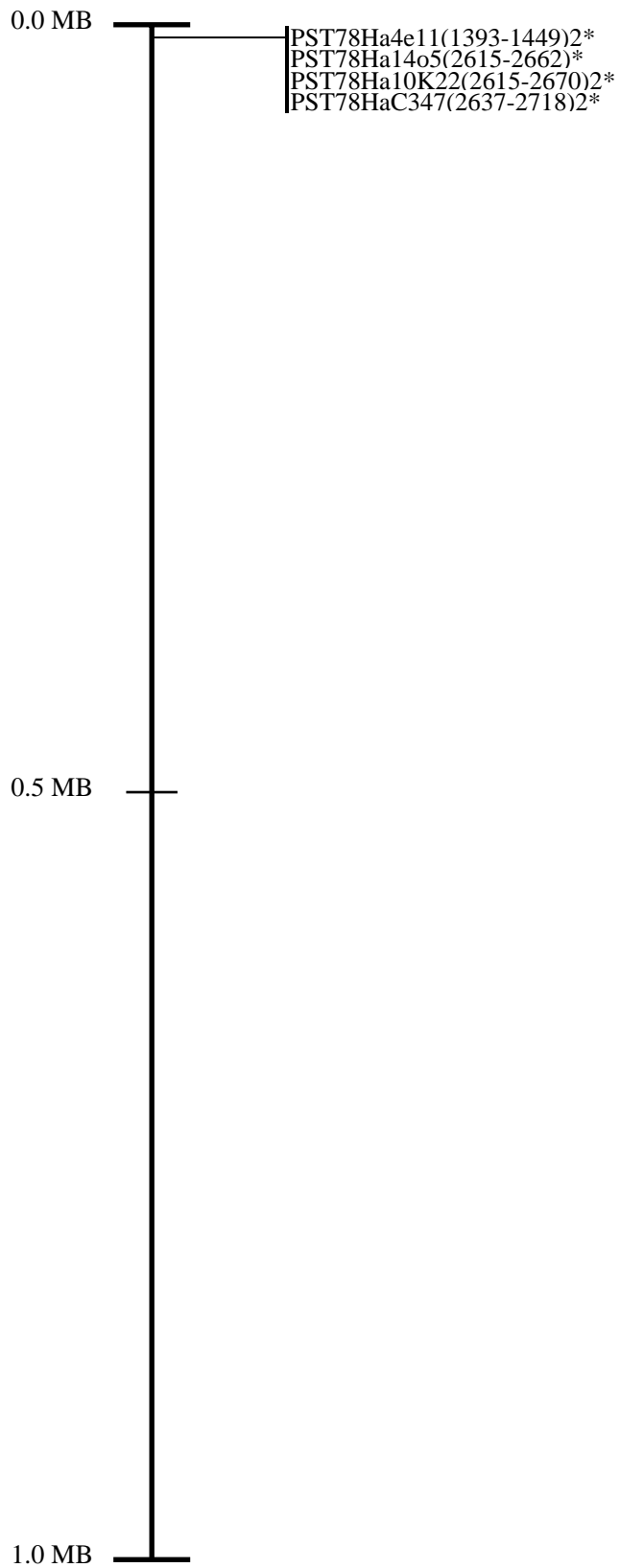
1.0 MB ———

**Supercontig 291**  
**length: 8,194 bp**

\* = less than 100bp alignment

| = clones in the same contig





**Supercontig 292**  
**length: 8,128 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha10O15(1364-1483)2  
PST78Ha13F15(1364-1483)  
PST78Ha14M14(1364-1483)  
PST78Ha5N21(1364-1483)  
PST78Ha4e11(6593-6651)\*

0.5 MB

1.0 MB

**Supercontig 293**  
**length: 8,101 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———— | PSTCY32GT1972(3122-3471)4  
| PST78SP3F1F(3689-3771)3\*

0.5 MB ————

1.0 MB ————

**Supercontig 295**  
**length: 8,046 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha14C10(1759-1817)\*

0.5 MB —

1.0 MB ———

**Supercontig 298**  
**length: 7,881 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha4P3(822-874)\*  
PST78Ha5N21(2829-2910)\*  
PST78Ha13F15(2829-2948)  
PST78Ha14M14(2831-2907)\*  
PST78Ha10O15(2831-2948)

0.5 MB

1.0 MB

**Supercontig 299**  
**length: 7,678 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha10O15(432-584)2

0.5 MB ———

1.0 MB ———

**Supercontig 307**  
**length: 7,428 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha9B6(4281-4326)\*

0.5 MB ———

1.0 MB ———

**Supercontig 311**  
**length: 7,373 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SPC221F(665-798)2

0.5 MB ———

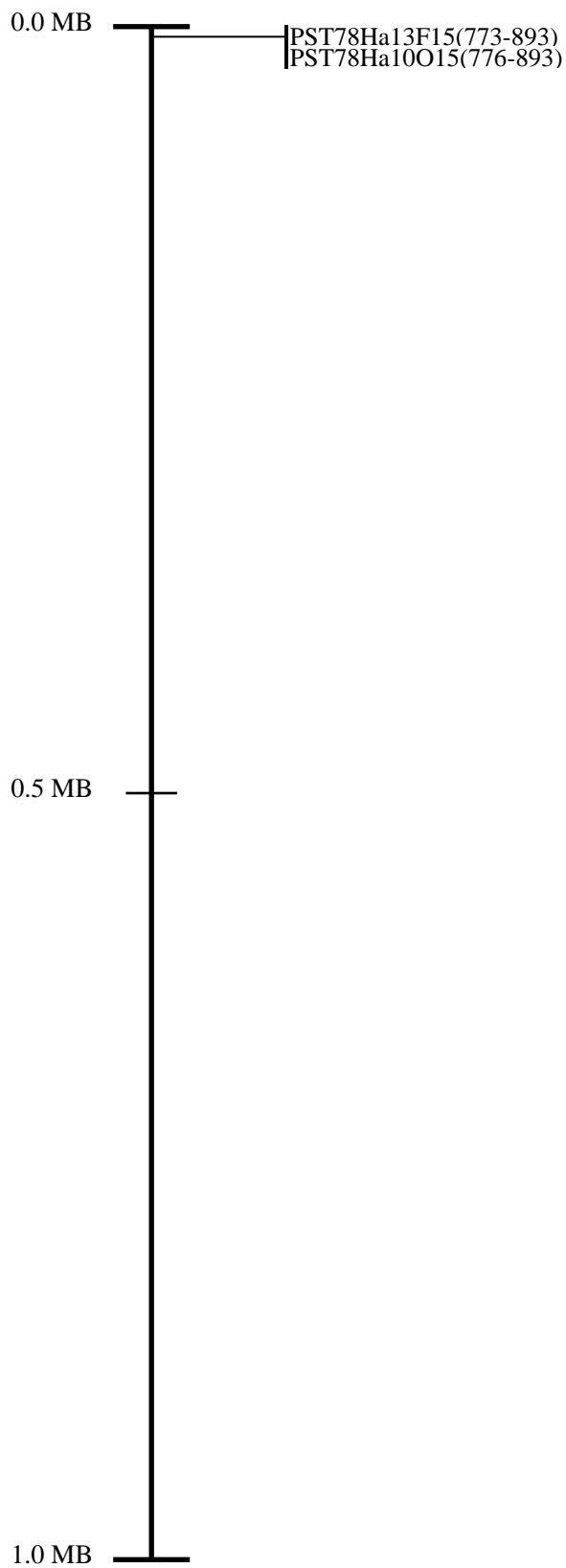
1.0 MB ———

**Supercontig 313**  
**length: 7,328 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB   
PST78Ha13F15(773-893)  
PST78Ha10O15(776-893)

0.5 MB

1.0 MB

**Supercontig 325**  
**length: 6,734 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78SP40E23C(4336-4398)\*  
PST78SP60N2(4336-4398)\*  
PST78SPC336F(4336-4398)\*  
PSTCY32GTC318(4336-4398)\*

0.5 MB

1.0 MB

**Supercontig 331**  
**length: 6,471 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB | PST78Ha5N21(5982-6140)  
| PST78Ha13F15(5982-6144)  
| PST78Ha10O15(5984-6137)

0.5 MB |

1.0 MB |

**Supercontig 340**  
**length: 6,192 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78SP19E3F(874-940)\*

0.5 MB —

1.0 MB ———

**Supercontig 351**  
**length: 5,919 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB | PST78HaC376(3002-3196)2  
| PST78Ha15O7(3530-3810)  
| PST78Ha1d9(3969-4016)\*

0.5 MB |

1.0 MB |

**Supercontig 359**  
**length: 5,526 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB PST78HaC62(4357-4511)

0.5 MB

1.0 MB

**Supercontig 360**  
**length: 5,501 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———| PST78Ha14i17(2628-2662)\*  
| PST78HaC376(2757-2995)  
| PST78Ha15O7(3261-3592)  
| PST78Ha1d9(3703-3745)\*

0.5 MB ———|

1.0 MB ———|

**Supercontig 363**  
**length: 5,438 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ———| PST78HaC375(1953-2015)\*  
| PST78Ha4P3(4796-4849)\*

0.5 MB ———|

1.0 MB ———|

**Supercontig 368**  
**length: 5,333 bp**

\* = less than 100bp alignment

| = clones in the same contig



0.0 MB ———| PST78Ha10O15(5134-5272)  
| PST78Ha14M14(5152-5272)  
| PST78Ha13F15(5153-5272)  
| PST78Ha5N21(5153-5272)

0.5 MB ———|

1.0 MB ———|

**Supercontig 371**  
**length: 5,291 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB | PST78HaC376(2491-2588)2\*  
| PST78Ha15O7(2677-2942)  
| PST78Ha4i12(3118-3219)

0.5 MB |

1.0 MB |

**Supercontig 374**  
**length: 5,126 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha9G3(4891-4930)\*

0.5 MB

1.0 MB

**Supercontig 375**  
**length: 5,108 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB  
PST78Ha9K3(4214-4243)\*  
PST78Ha21m2(4214-4275)\*  
PST78Ha13E12(4216-4266)\*  
PST78HaC231(4216-4266)\*  
PST78Ha15G20(4216-4275)\*

0.5 MB

1.0 MB

**Supercontig 376**  
**length: 5,100 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PSTCY32GT2041(4709-4806)\*

0.5 MB ———

1.0 MB ———

**Supercontig 377**  
**length: 5,096 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB PST78Ha13F15(428-542)

0.5 MB

1.0 MB

**Supercontig 384**  
**length: 4,789 bp**

\* = less than 100bp alignment

| = clones in the same contig

0.0 MB ——— PST78Ha4e11(3793-3848)\*

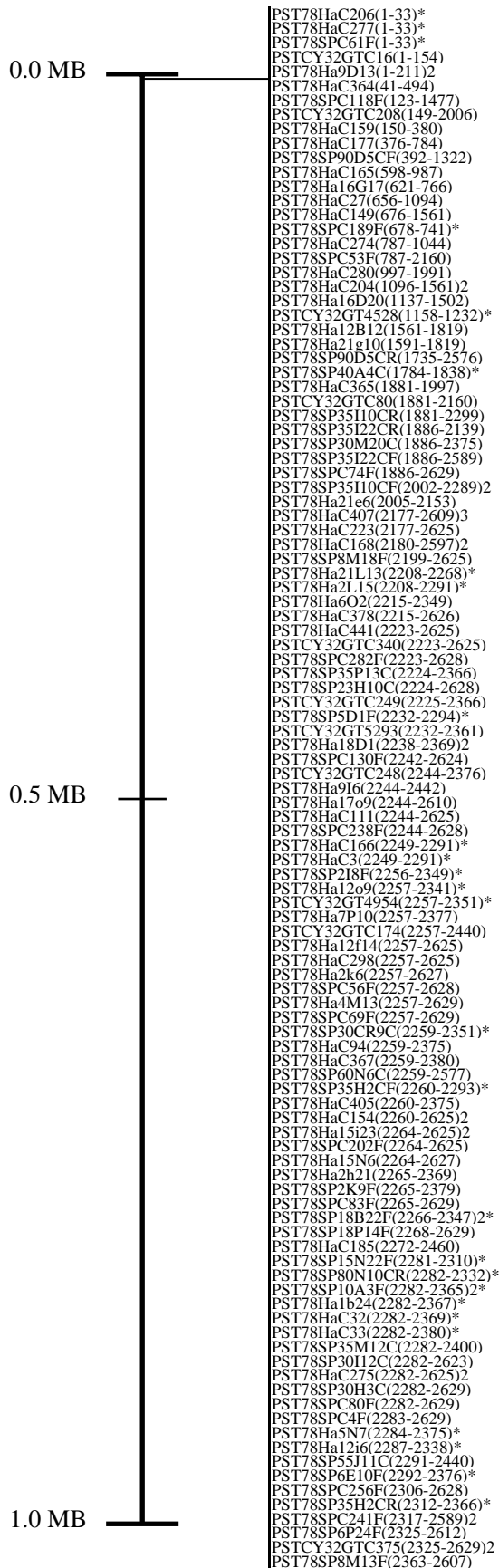
0.5 MB ———

1.0 MB ———

**Supercontig 386**  
**length: 4,740 bp**

\* = less than 100bp alignment

| = clones in the same contig



**Supercontig 392**  
length: 2,878 bp

\* = less than 100bp alignment

| = clones in the same contig