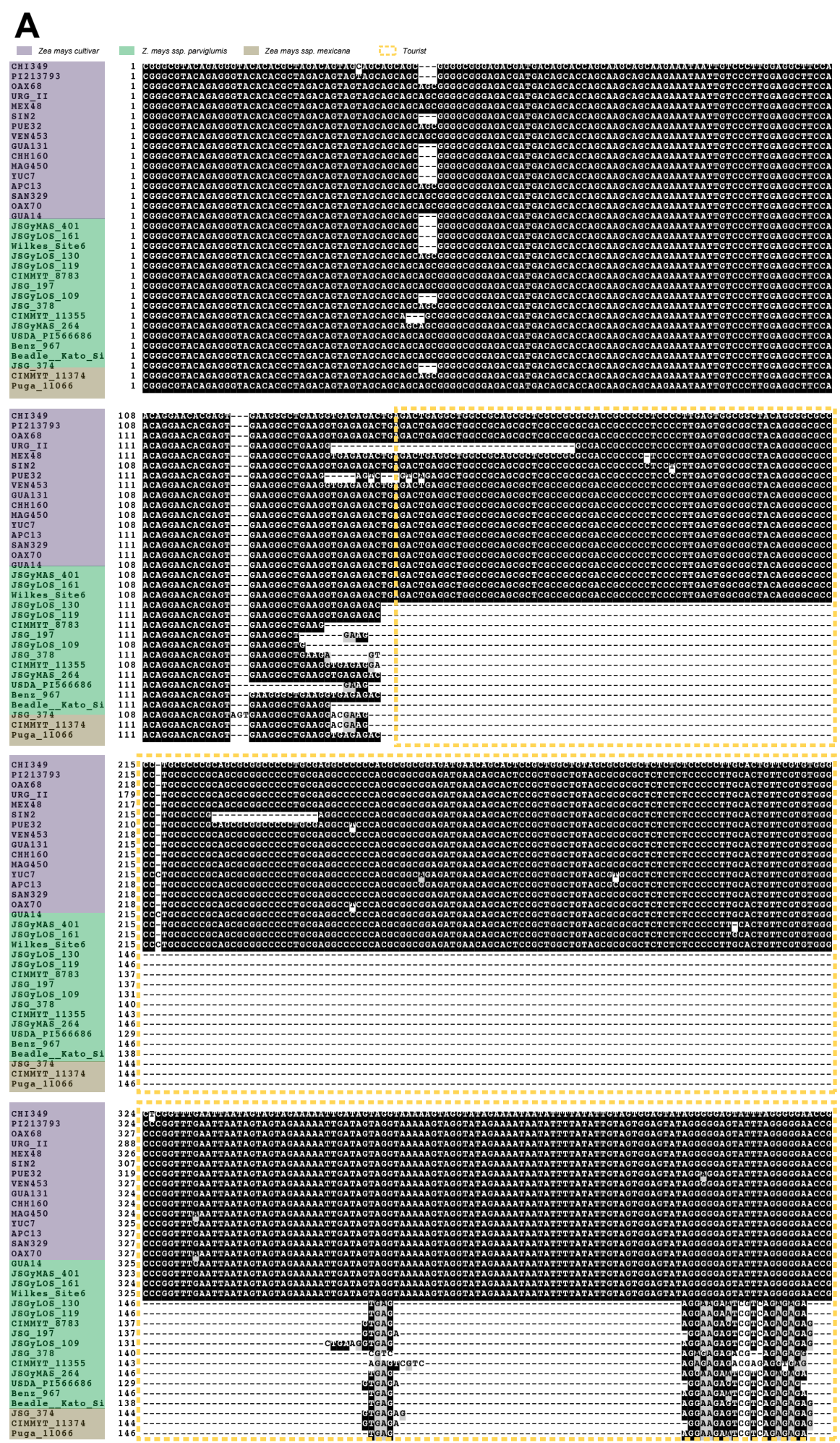
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Zea mays ssp. mexicana
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MEX48
SIN2
PUE32
VEN453
GUA131
CHH160
MAG450
YUC7
APC13
SAN329
OAX70
GUA14
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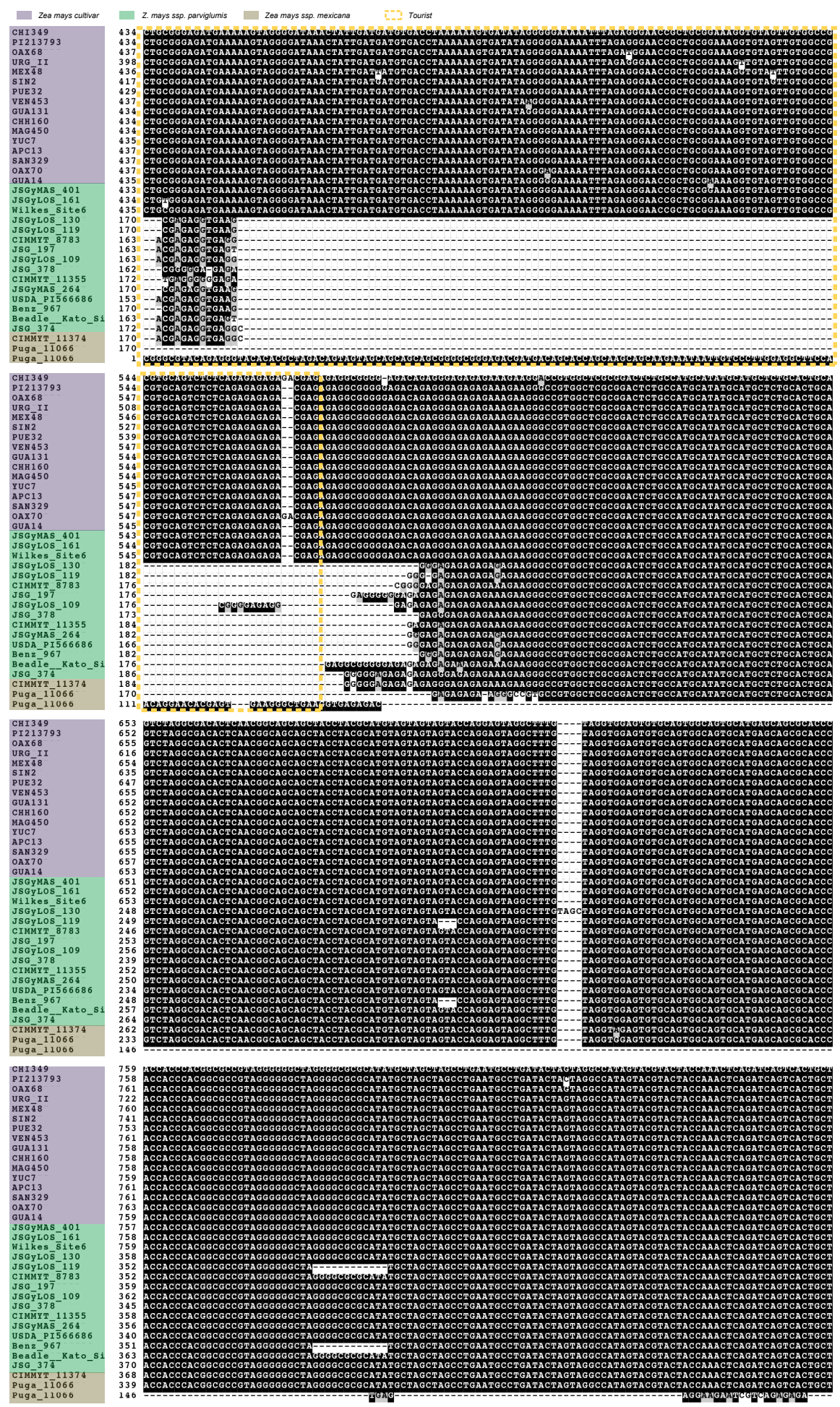
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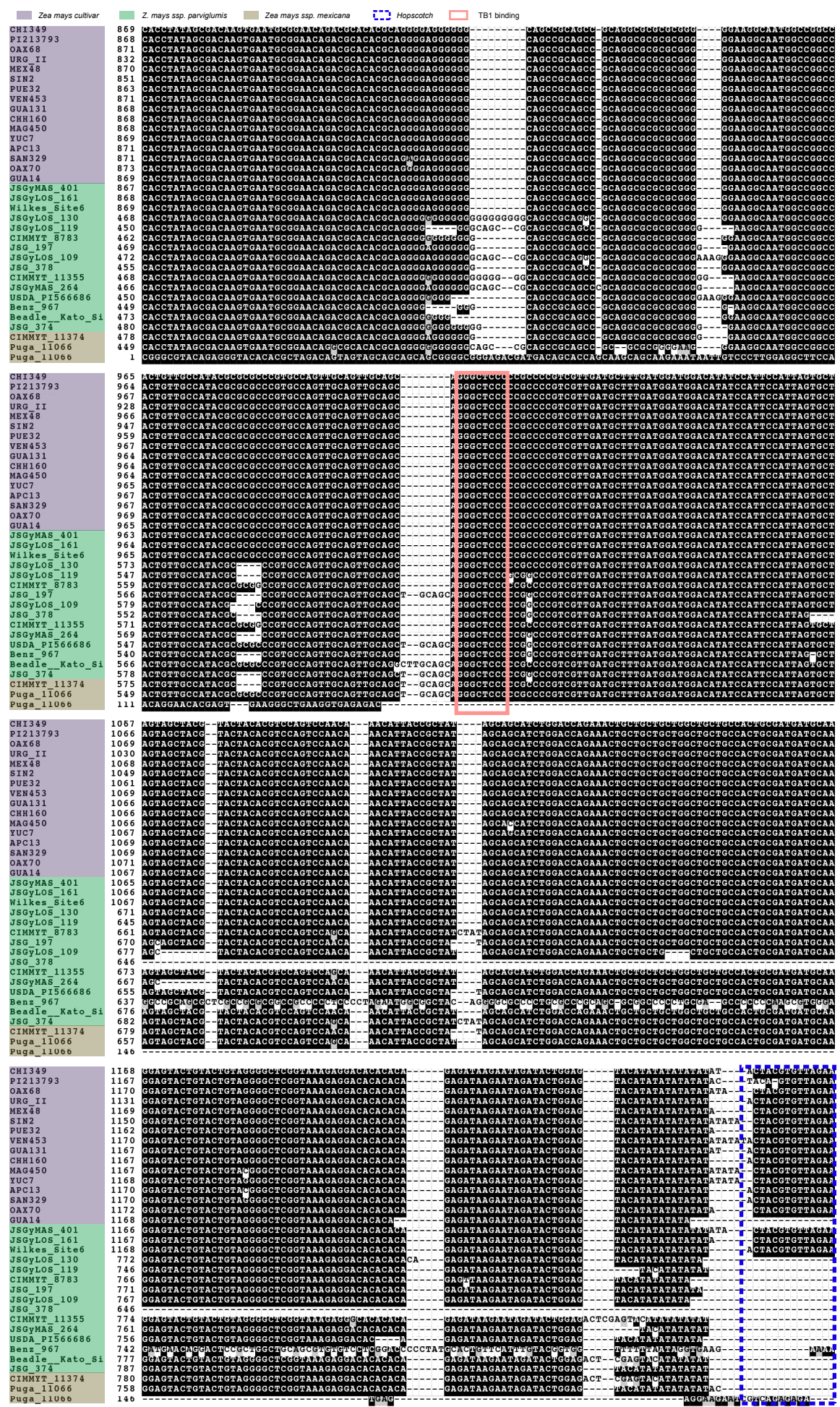
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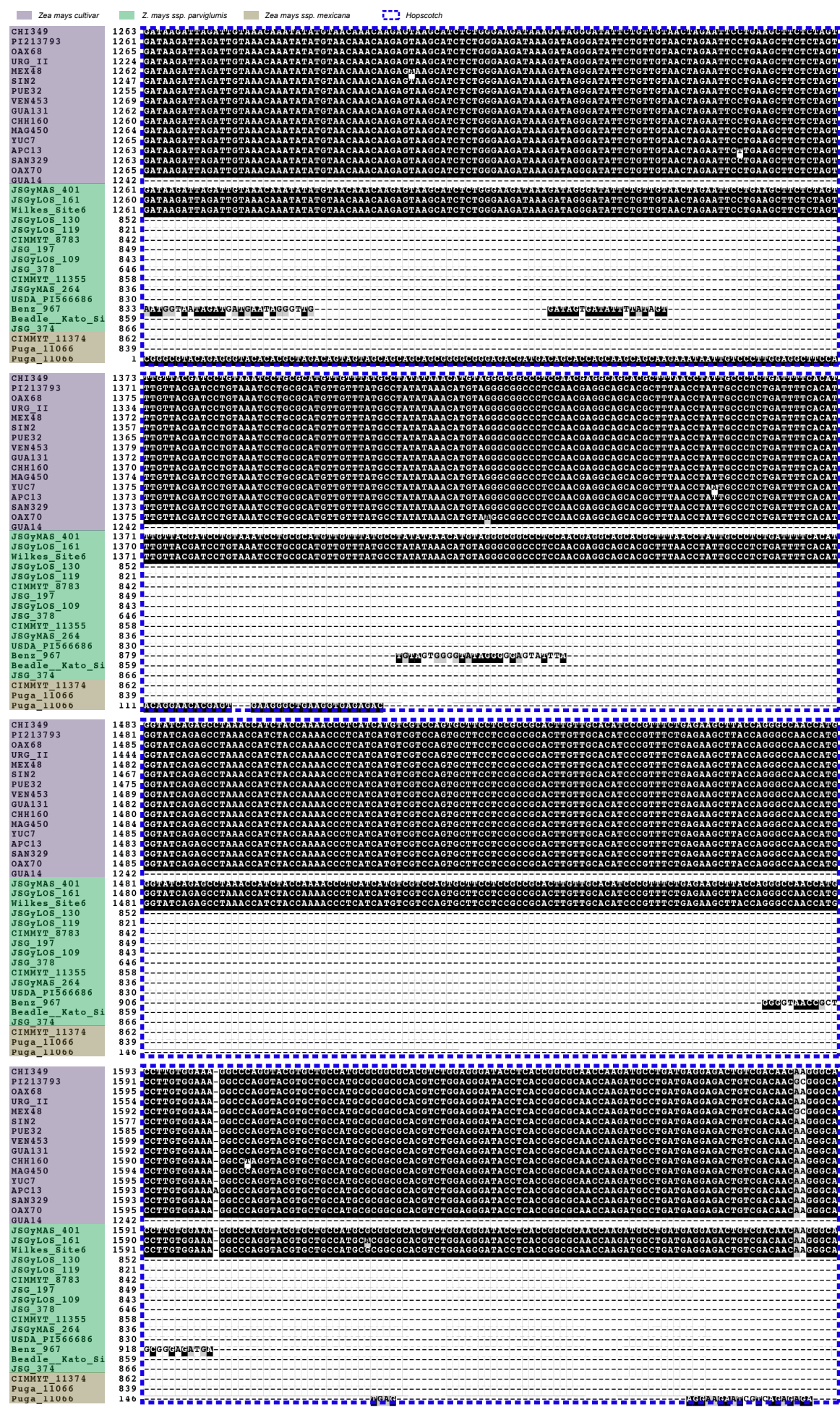
Z. mays ssp. parviglumis
Zea mays ssp. mexicana
Hopscotch
TB1 binding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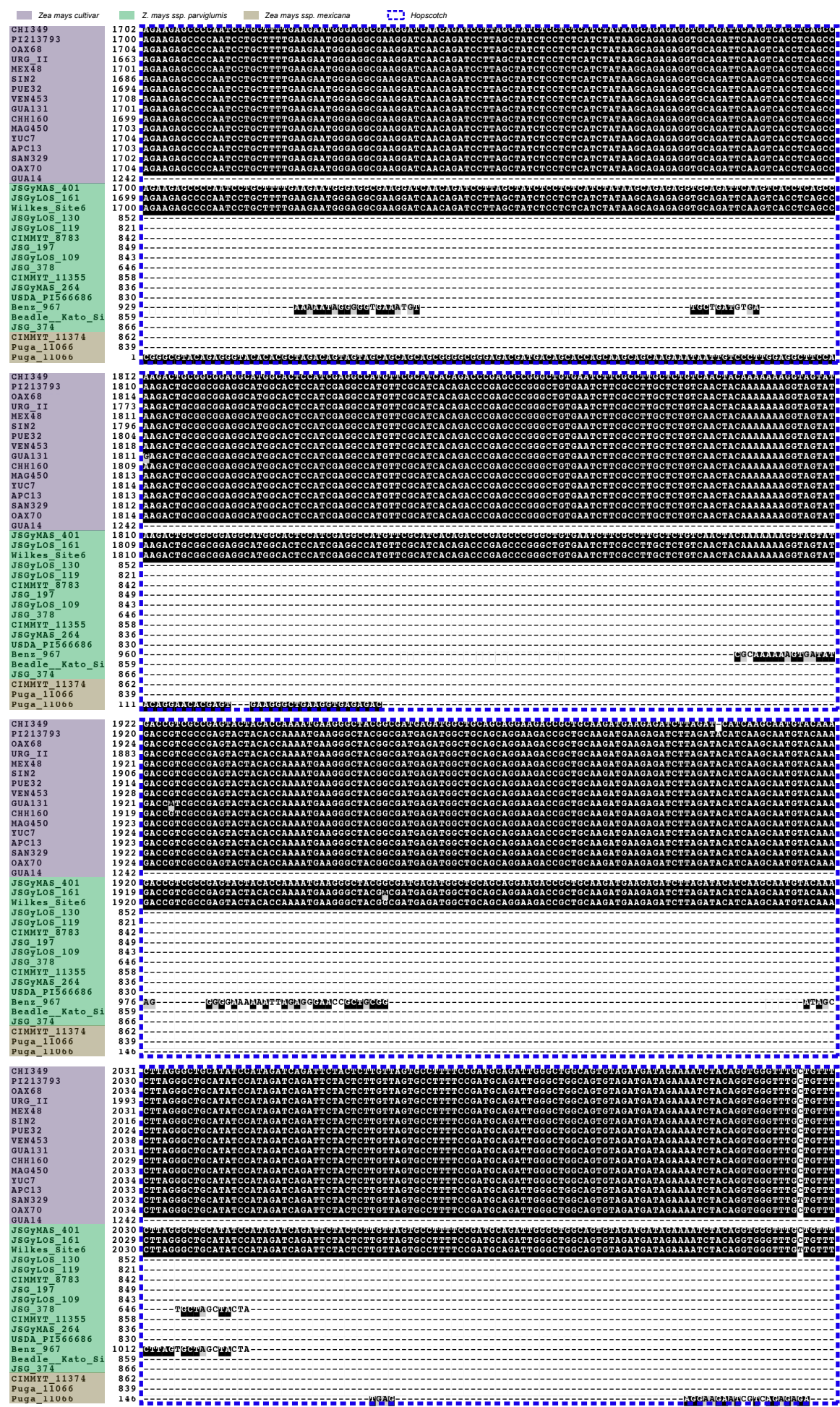
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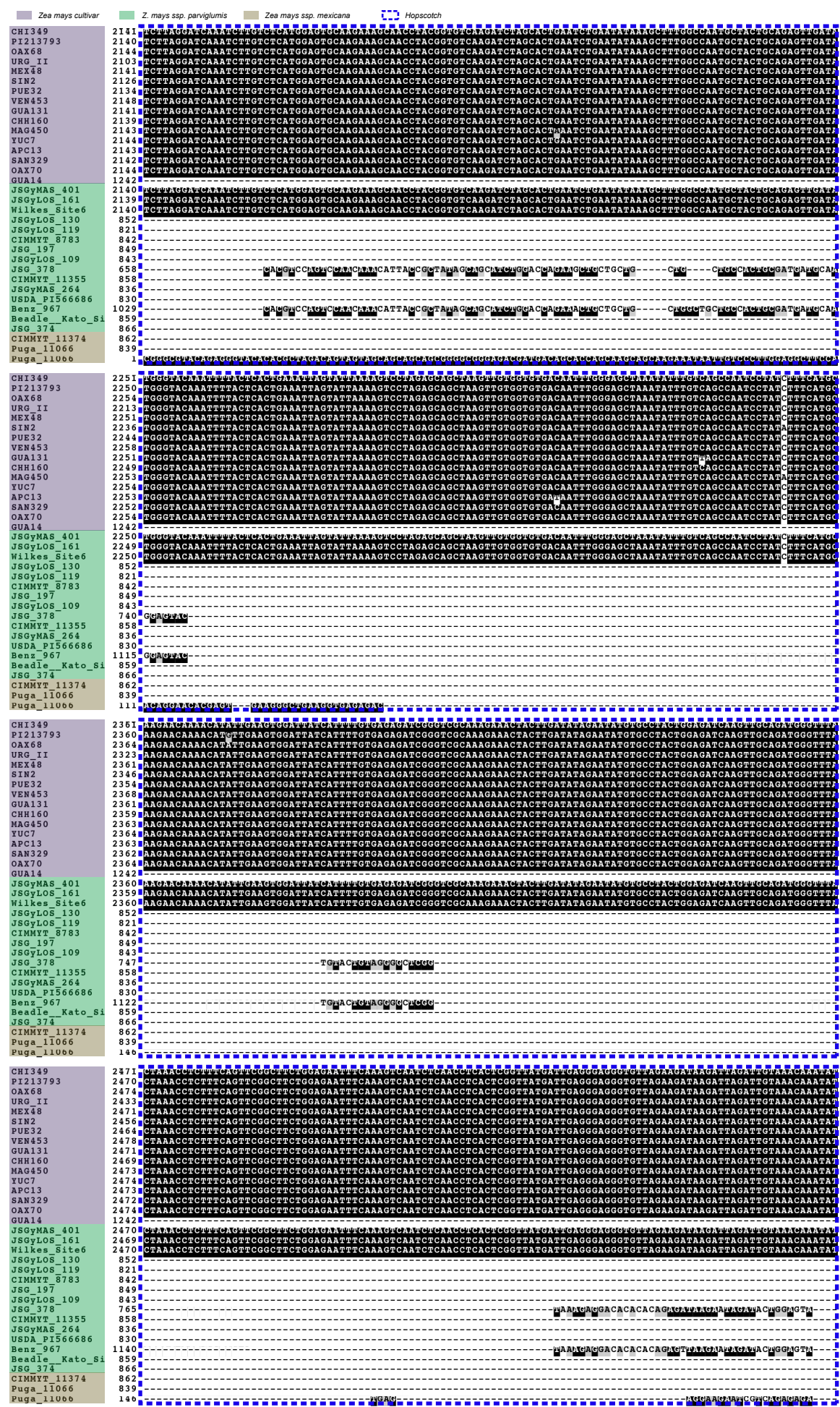
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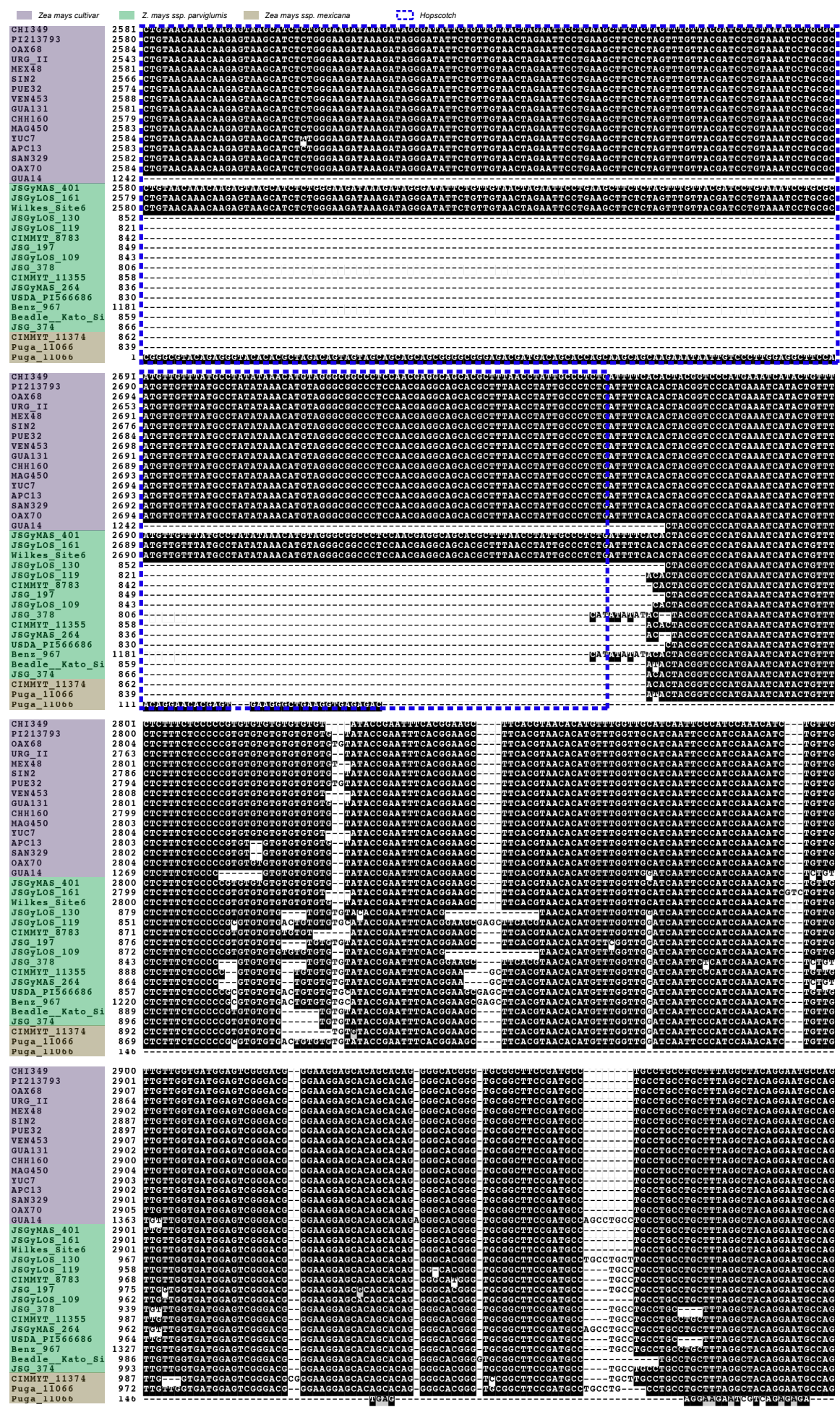
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Zea mays ssp. mexicana
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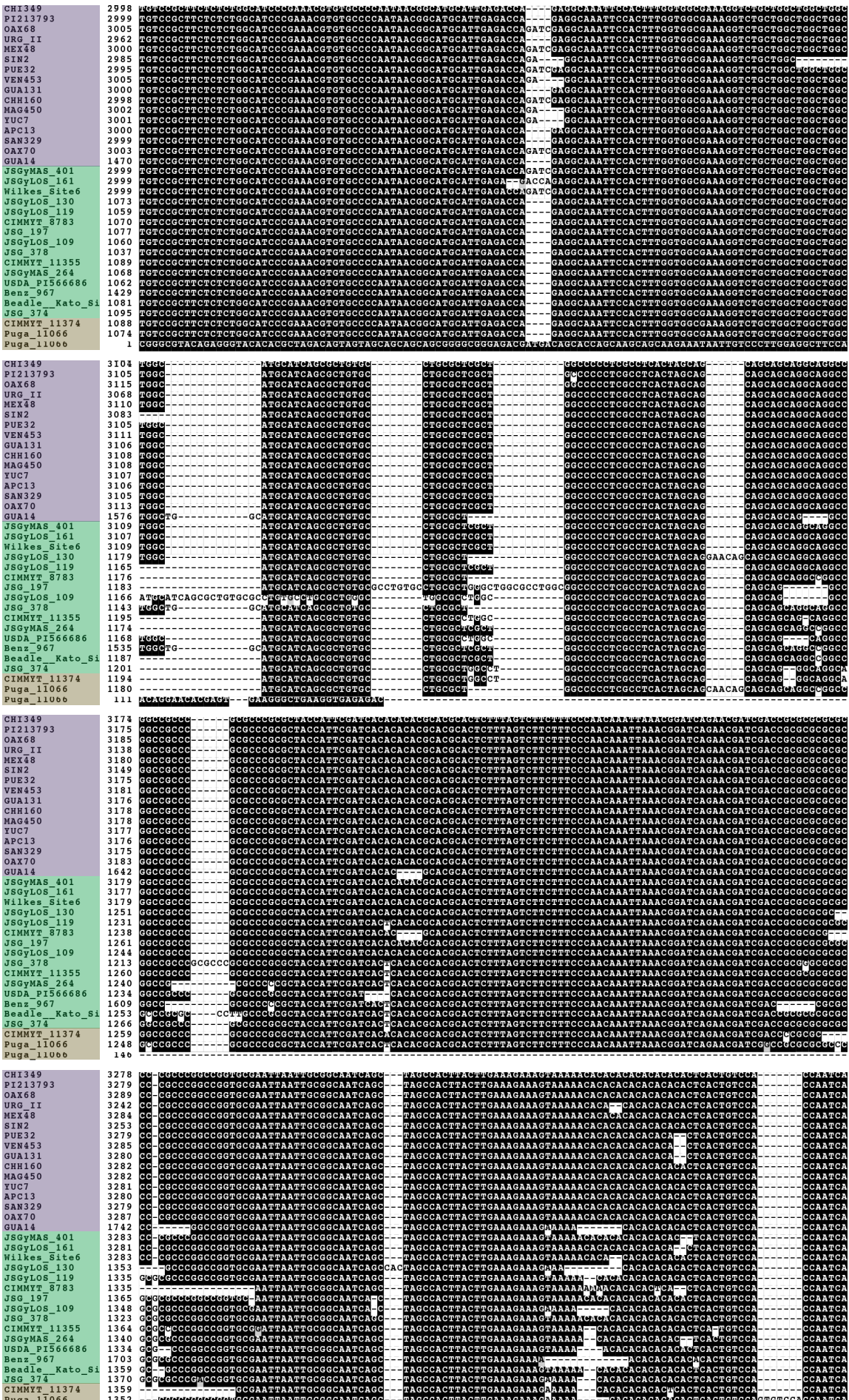
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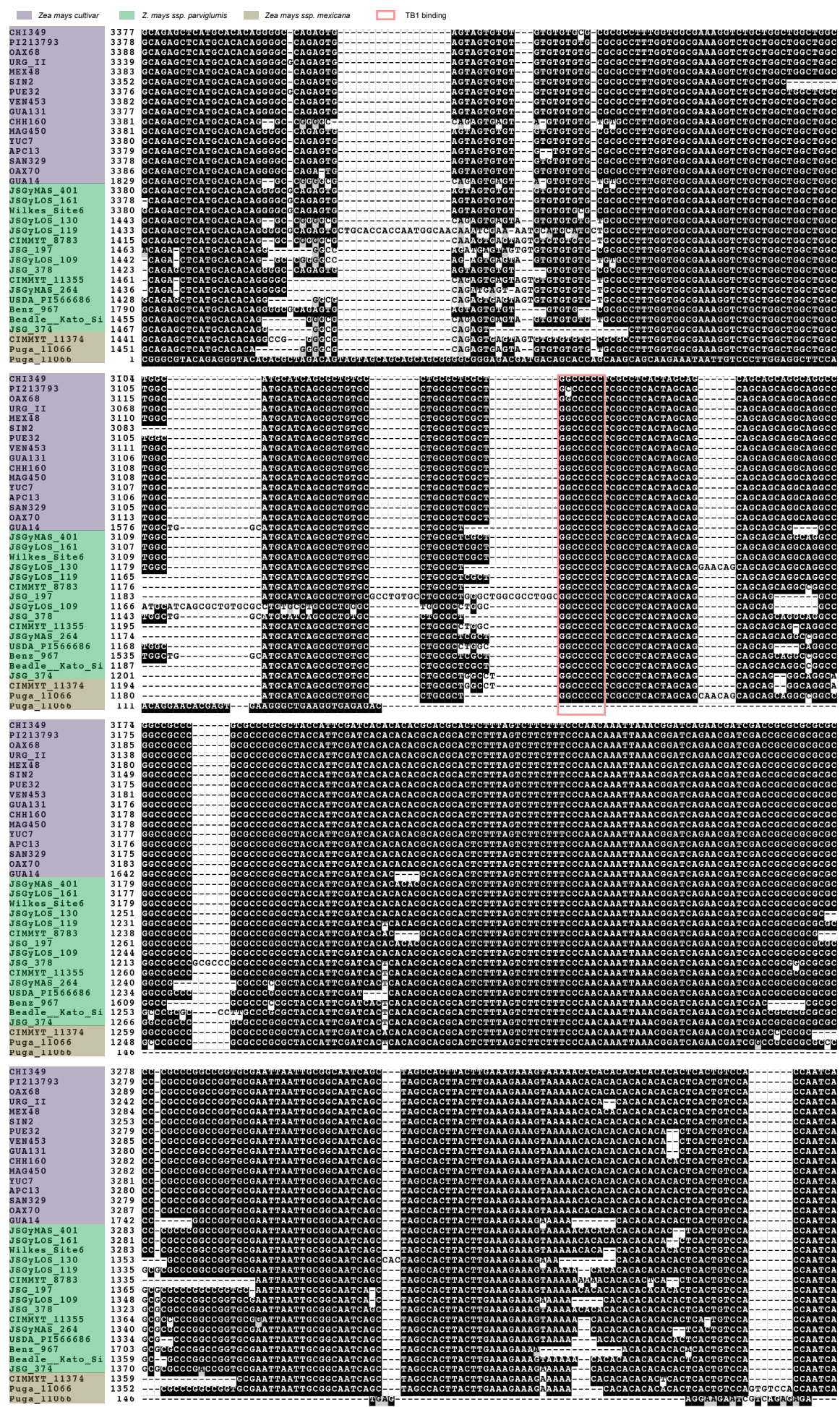
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Zea mays ssp. mexicana
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Wilkes_Site6
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Benz_967
Beadle__Kato_Si
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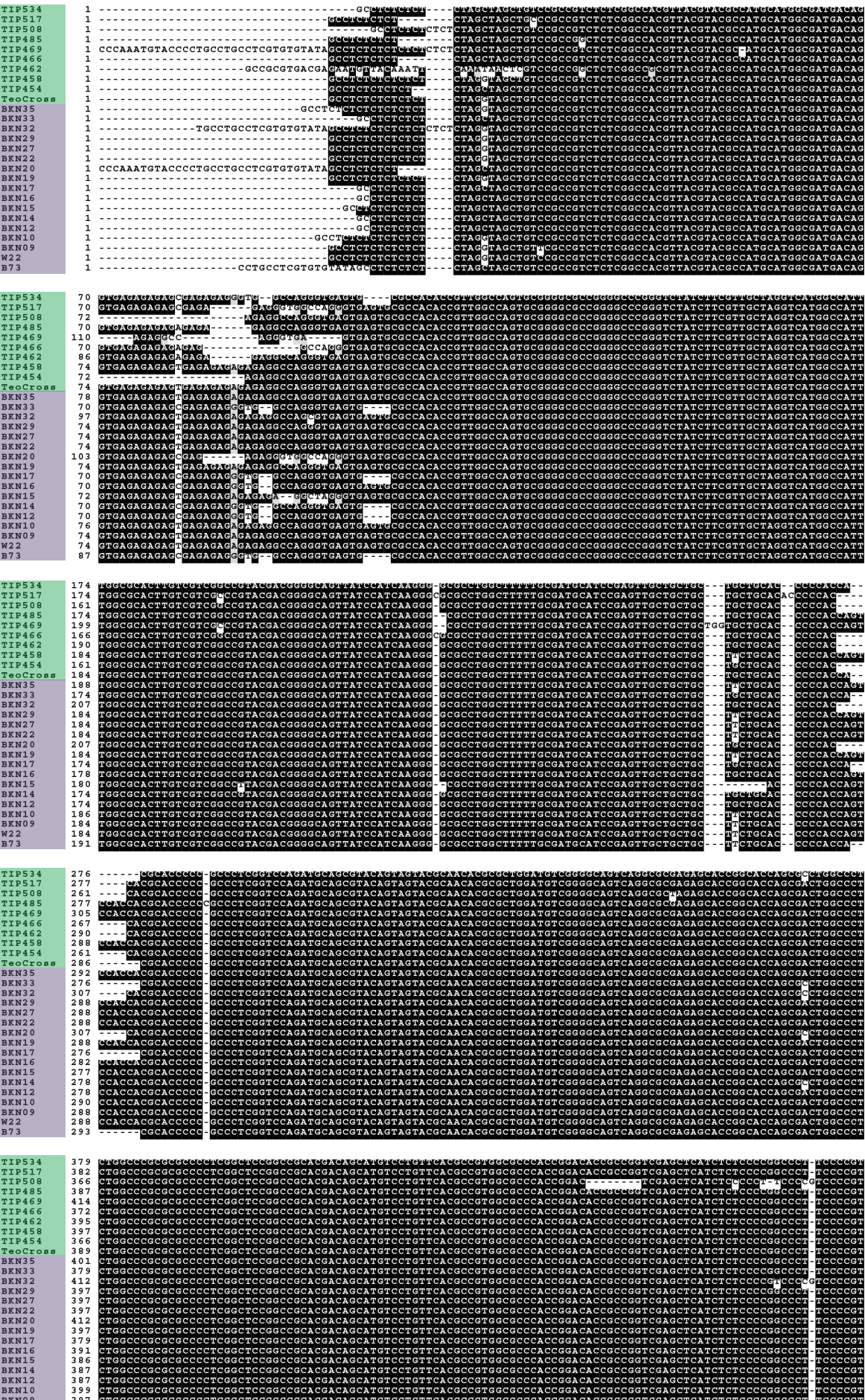
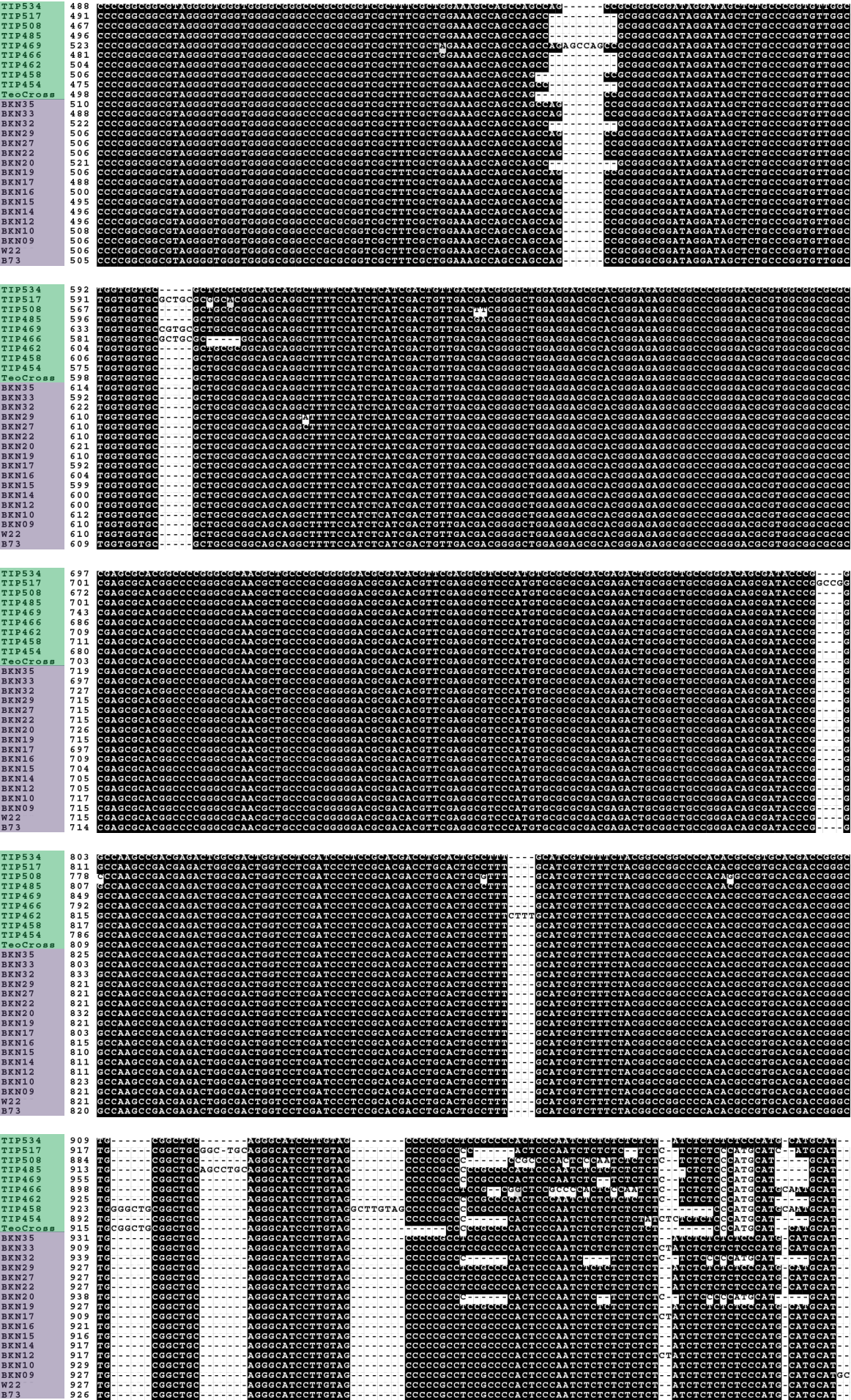
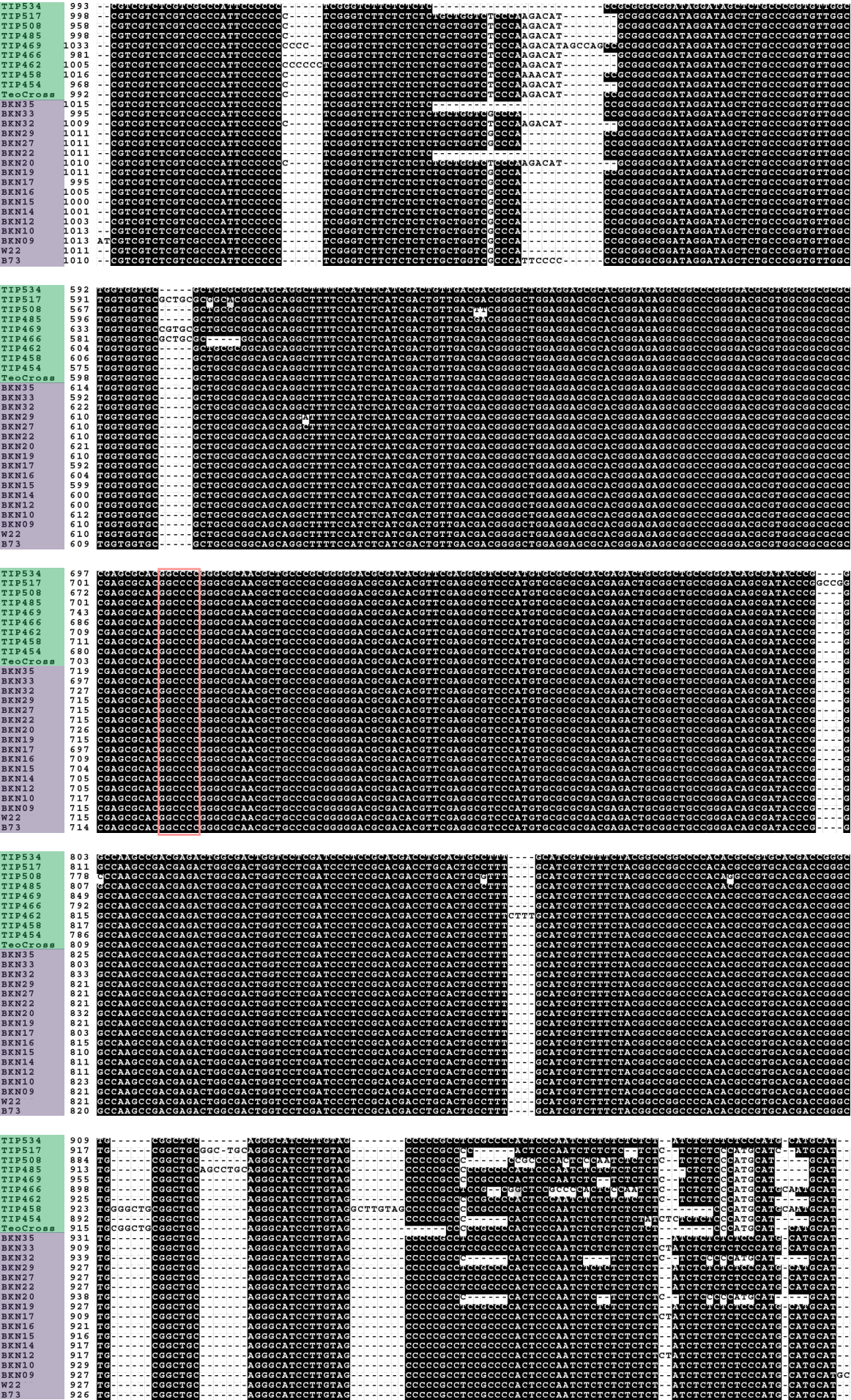
CIMMYT_11374
Puga_11066
Puga_11066

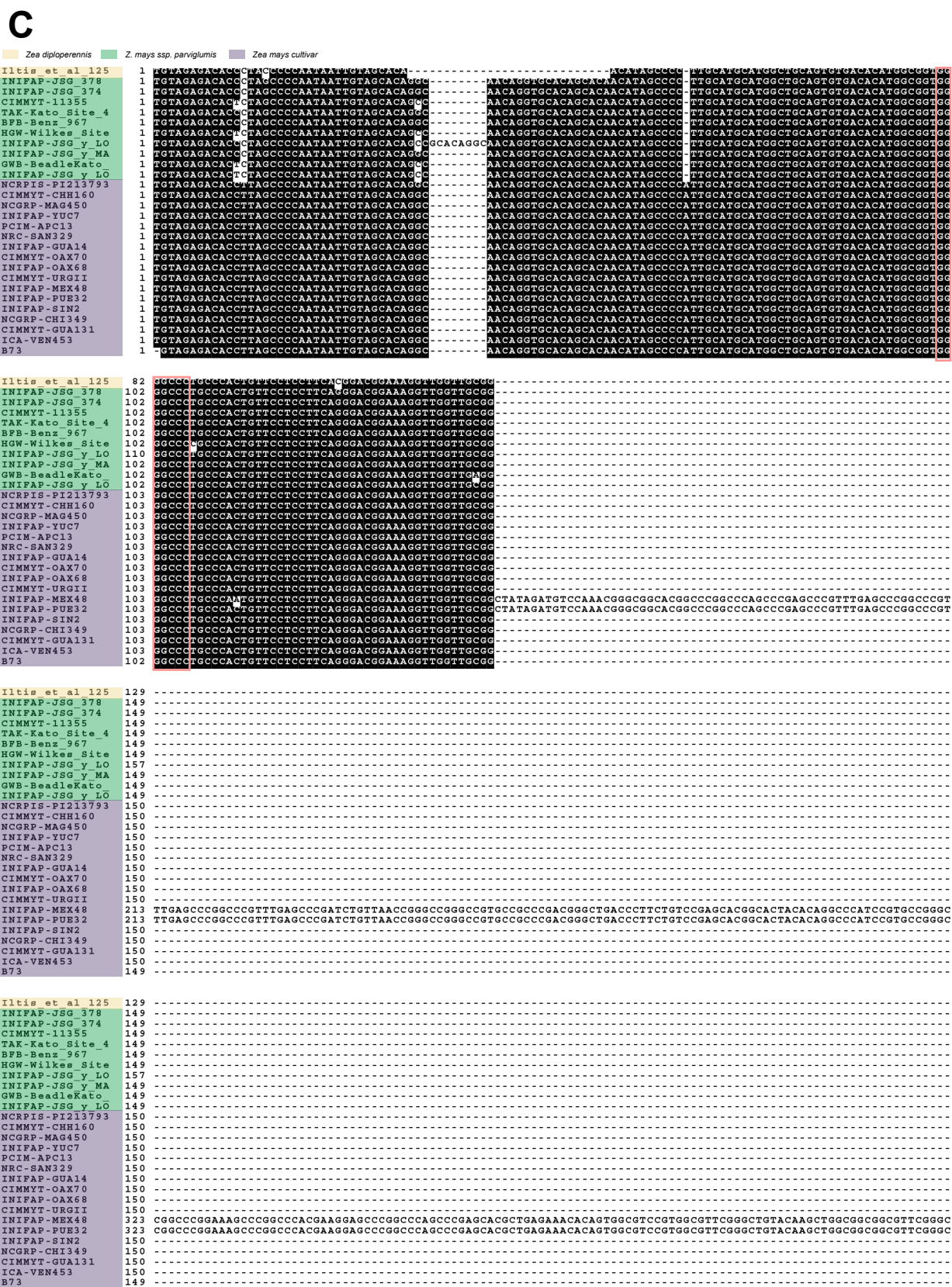
B

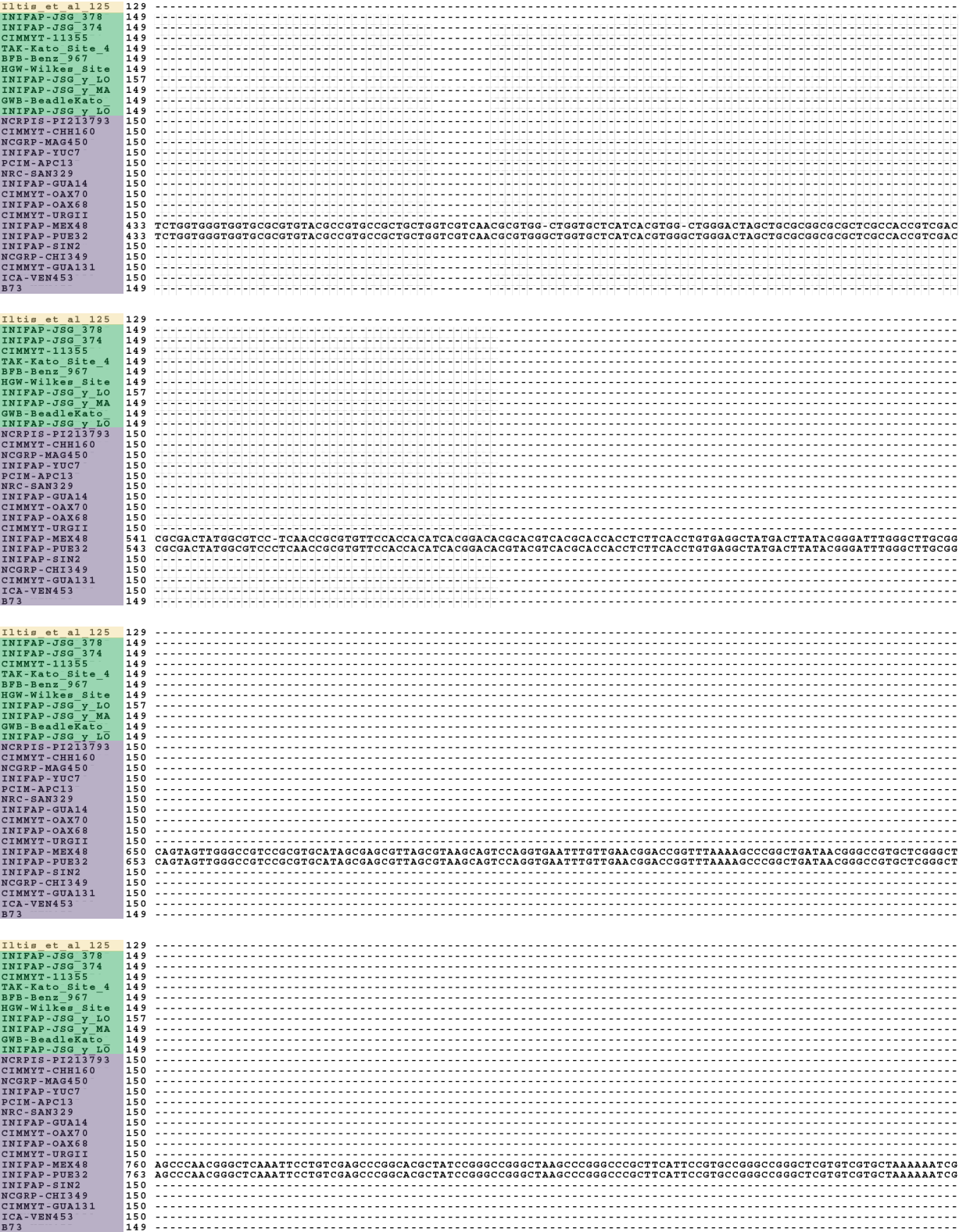
Z. mays ssp. parviglumis *Zea mays cultivar*








C
Zea diploperennis
Z. mays ssp. parviglumis
Zea mays cultivar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HGW-Wilkes_Site 149
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INIFAP-JSG_y_MA 149
GWB-BeadleKato_ 149
INIFAP-JSG_y_LO 149
NCRPIS-PI213793 150
CIMMYT-CHH160 150
NCGRP-MAG450 150
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CIMMYT-OAX70 150
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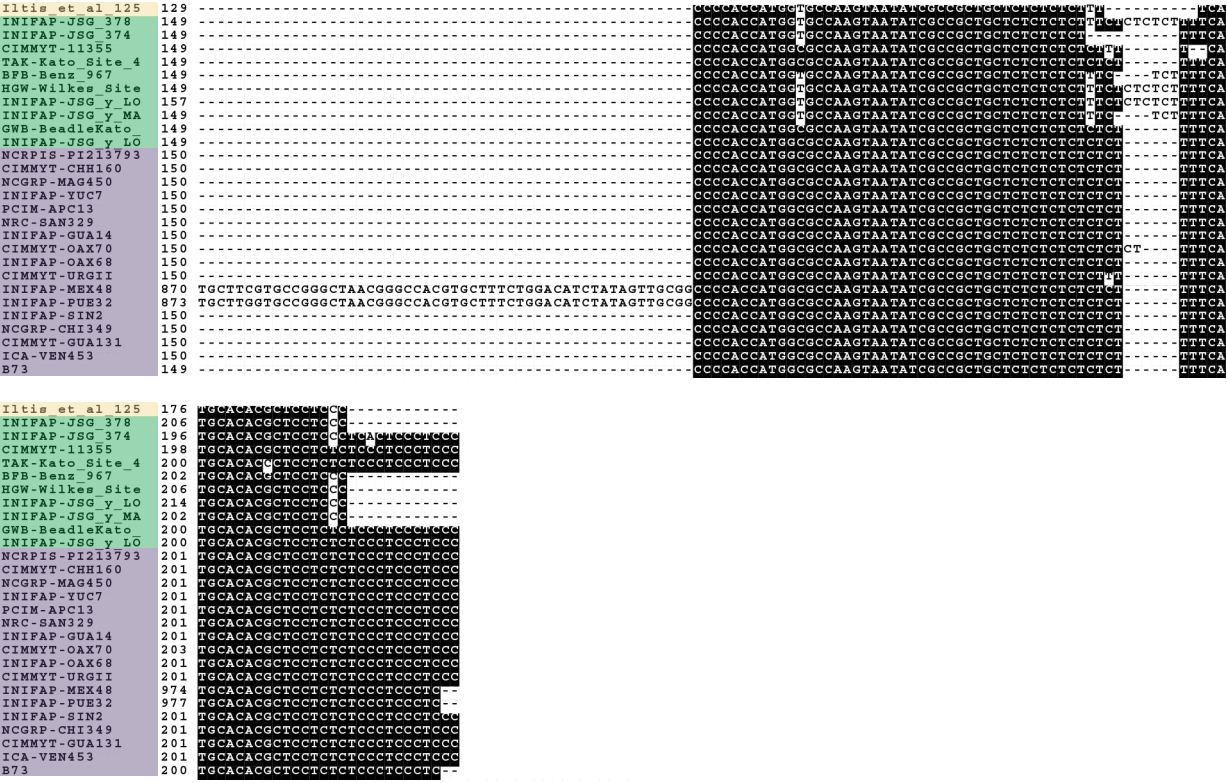

Supplementary Data 17. Sequence alignment of the TB1 binding region in the *tb1 Hopscotch* region (A), prolificacy locus (B) and *tga1* promoter (C). Pink square frames represent the GGNCCC TB1 binding motif at the summit of each peak. The sequence of *Zea mays* landraces, *Zea mays ssp. parviglumis* and *Zea mays ssp. mexicana* in (A) are downloaded from Studer *et al.*, 2011; the sequence of *Zea mays* cultivars and *Zea mays ssp. parviglumis* in (B) are downloaded from Wills *et al.*, 2013; and the sequence of *Zea diploperennis*, *Z. mays ssp. parviglumis* and *Zea mays* cultivars in (C) are downloaded from Wang *et al.*, 2005.