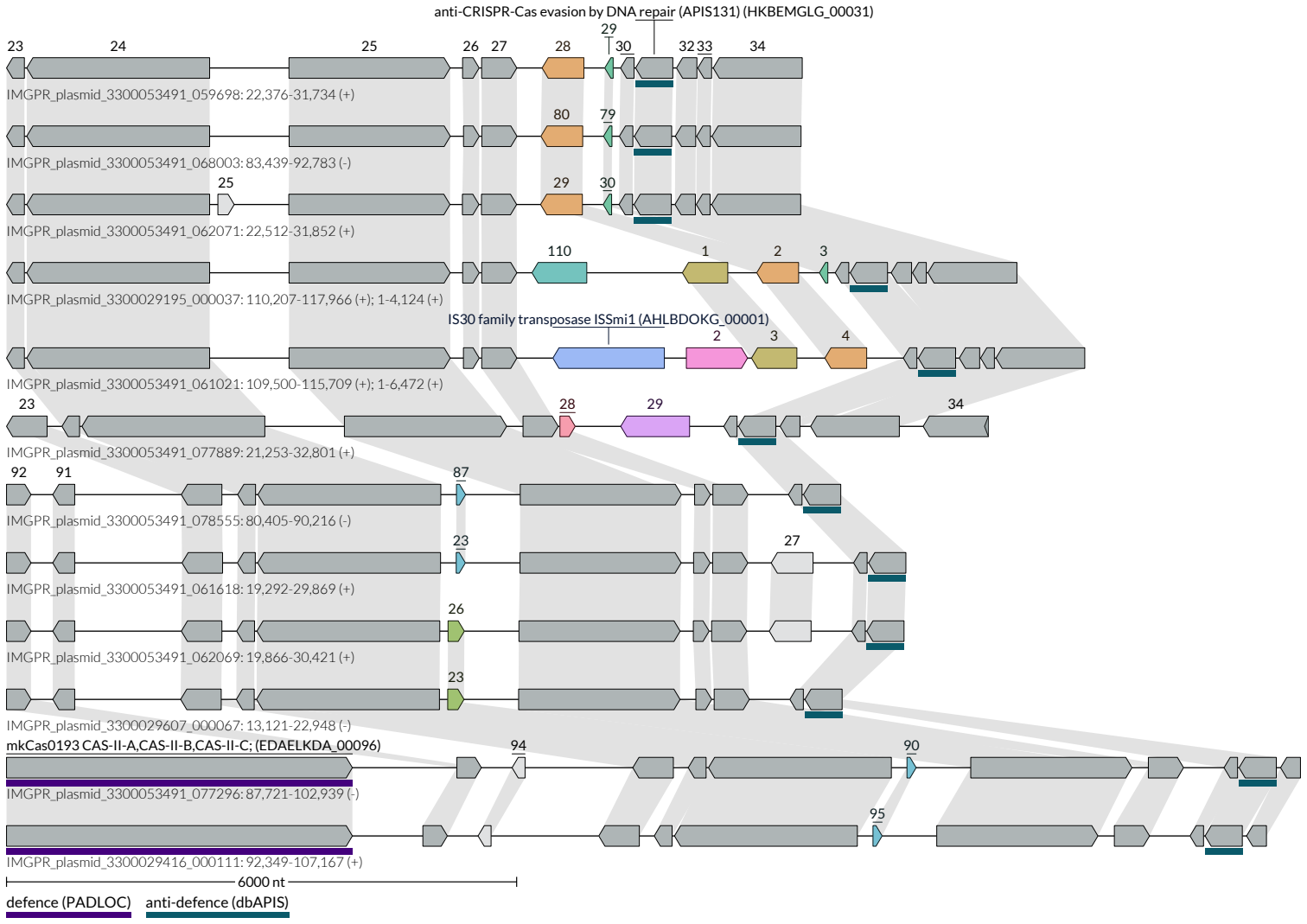
anti-CRISPR-Cas evasion by DNA repair (APIS131) (HKBEMGLG_00031)
23
24
25
26
27
28
29
30
32
33
34
IMGPR_plasmid_3300053491_059698: 22,376-31,734 (+)
80
79
IMGPR_plasmid_3300053491_068003: 83,439-92,783 (-)
25
29
30
IMGPR_plasmid_3300053491_062071: 22,512-31,852 (+)
110
1
2
3
IMGPR_plasmid_3300029195_000037: 110,207-117,966 (+); 1-4,124 (+)
IS30 family transposase ISSmi1 (AHLBDOKG_00001)
2
3
4
IMGPR_plasmid_3300053491_061021: 109,500-115,709 (+); 1-6,472 (+)
23
28
29
34
IMGPR_plasmid_3300053491_077889: 21,253-32,801 (+)
92
91
87
IMGPR_plasmid_3300053491_078555: 80,405-90,216 (-)
23
27
IMGPR_plasmid_3300053491_061618: 19,292-29,869 (+)
26
IMGPR_plasmid_3300053491_062069: 19,866-30,421 (+)
23
IMGPR_plasmid_3300029607_000067: 13,121-22,948 (-)
mkCas0193 CAS-II-A,CAS-II-B,CAS-II-C; (EDAELKDA_00096)
94
90
IMGPR_plasmid_3300053491_077296: 87,721-102,939 (-)
95
IMGPR_plasmid_3300029416_000111: 92,349-107,167 (+)
6000 nt
defence (PADLOC)
anti-defence (dbAPIS)